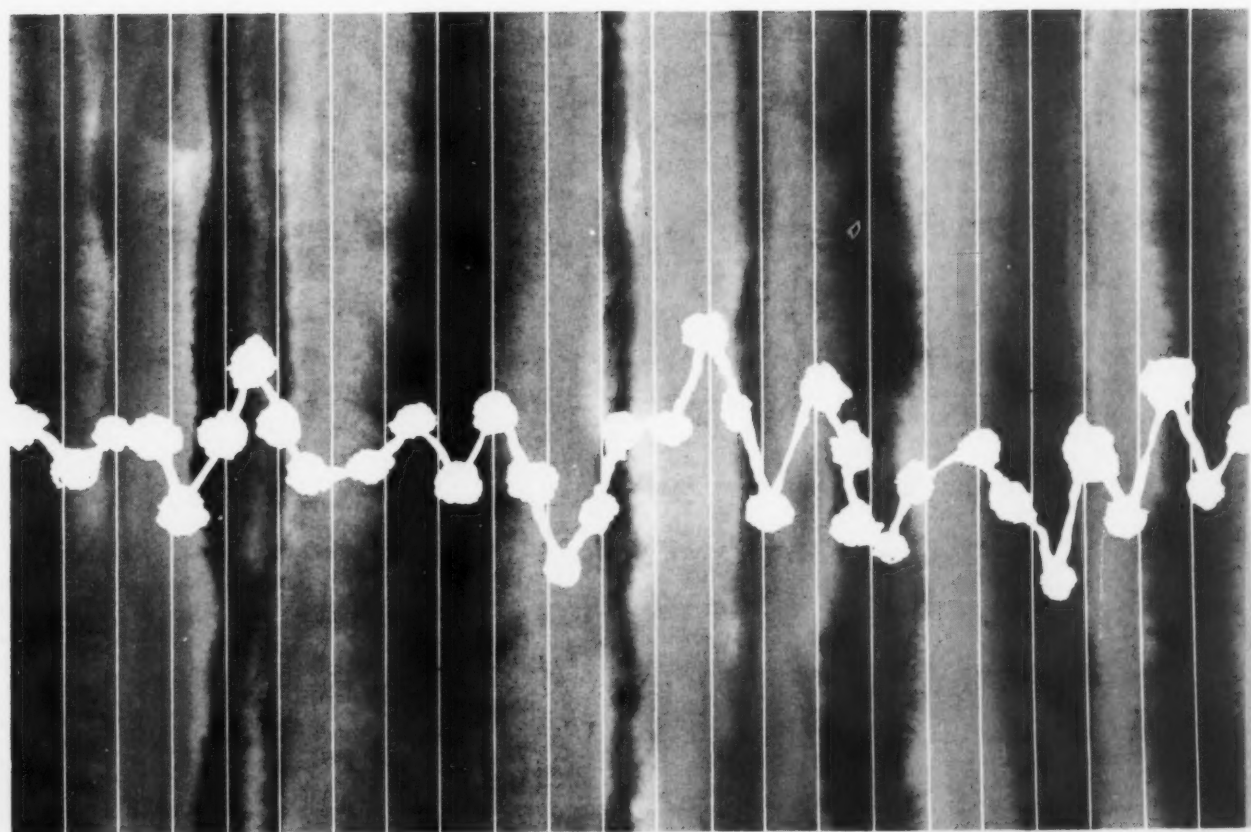


# defense indicators

OCTOBER 1976



U.S. DEPARTMENT OF COMMERCE • BUREAU OF ECONOMIC ANALYSIS



This report was prepared in the Statistical Indicators Division, Bureau of Economic Analysis. Technical staff and their responsibilities for the publication are—

Barry A. Beckman—Technical supervision and review,

Morton Somer—Selection of seasonal adjustment methods,

Betty F. Tunstall—Collection and compilation of basic data.

The cooperation of various government agencies which provide data is gratefully acknowledged.

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The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 1, 1977.

## U. S. DEPARTMENT OF COMMERCE Elliot L. Richardson, Secretary

### BUREAU OF ECONOMIC ANALYSIS

George Jaszi, Director

Morris R. Goldman, Deputy Director

Beatrice N. Vaccara, Associate Director for  
National Analysis and Projections

Feliks Tamm, Editor

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This publication is prepared under the general guidance of an interagency committee established by the Office of Management and Budget. This committee consists of the following persons:

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Office of Management and Budget

James D. August, Board of Governors of the Federal Reserve System

Murray F. Foss, Council of Economic Advisers, Executive Office of the President

Rose Glubin, Office of Assistant Secretary of Defense (Comptroller), Department of Defense

Dale W. Gordon, Bureau of the Census, Department of Commerce

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# defense indicators

October 1976  
Series ES4 No. 76-10

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## 6 BEA PROJECTS

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analysis

**BUSINESS CONDITIONS DIGEST** A monthly report for analyzing economic fluctuations over a short span of years.

This report brings together approximately 600 economic time series in a form convenient for analysts whether their approach to the study of current business conditions and prospects is the national income model, the leading indicators, anticipations and intentions, or a combination of these. Other types of data such as foreign trade, Federal Government activities, and international series are included to facilitate a more complete analysis.

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This report provides historical data back to 1947 for nearly 2,500 time series. The series are accompanied by concise descriptions as to their composition, methods of compilation, comparability, revisions, and availability. Also listed are the names and addresses of organizations which provide the basic data for the series.

## Introduction

The purpose of this monthly report is to bring together the principal time series on defense activity which influence short-term changes in the national economy. These include series on obligations, contracts, orders, shipments, inventories, expenditures, employment, and earnings. Most are monthly but a few quarterly series are included. The series numbers used are for identification purposes only and do not reflect relationships or order.

### Classification of Series

Chart 1 compares Government purchases of goods and services for national defense with total gross national product. GNP is the market value of the final output of goods and services produced by the Nation's economy and represents a very broad measure of aggregate economic activity. In addition to national defense purchases, it includes Federal Government purchases of goods and services for nondefense purposes, State and local government purchases, personal consumption expenditures, gross private domestic investment, and net exports of goods and services. Chart 1 also presents national defense purchases as a percent of gross national product and, for both series, changes from the previous quarter.

A related group of series is shown in Chart 4, "Defense Related Balance of Payments Components." These series show the effects of defense-related economic activity on the balance of payments accounts.

The remaining series are grouped in accordance with the time at which the activities they measure occur within the defense order-production-delivery process. Those series measuring activities that usually precede production, such as new orders placed with defense products industries and contract awards, are presented in Chart 2, "Advance Indicators of Defense Activity." Chart 3, "Intermediate and Final Indicators of Defense Activity," presents series that measure activities which tend to move at the same time as production (such as employment) and activities which usually follow production (such as shipments).

### Series Included

Following is a list of the series as they appear in charts 1, 2, 3, and 4 (the source agencies are abbreviated in parentheses; detailed lists of sources for charts 1, 2, and 3 appeared as appendices to the August and October 1968 issues of this report).

#### Gross National Product and National Defense Purchases

- Gross national product (BEA)
- Federal Government purchases of goods and services, national defense (BEA)
- National defense purchases as a percent of gross national product (BEA)
- Gross national product, changes from previous quarter (BEA)
- National defense purchases, changes from previous quarter (BEA)

#### Advance Indicators of Defense Activity

- Defense Department gross obligations incurred, total (DOD)
- Defense Department gross obligations incurred, procurement (DOD)
- Gross obligations incurred outside the Government for national defense (Treasury)

- Defense Department military prime contract awards for work performed in the United States (DOD)
- Defense Department gross unpaid obligations outstanding (DOD)
- Manufacturers' new orders (Census):
  - Defense products industries
  - Defense products
- Manufacturers' new orders from the U.S. Government, aerospace industries (Census):
- Average weekly overtime hours, production workers, defense products industries (BLS)
- Accession rate, defense products industries (BLS)
- Layoff rate, defense products industries (BLS)

#### Intermediate and Final Indicators of Defense Activity

- Output of defense and space equipment (FRB)
- Manufacturers' inventories (Census):
  - Defense products industries
  - Defense products
- Manufacturers' unfilled orders (Census):
  - Defense products industries
  - Defense products
- Manufacturers' unfilled orders from the U.S. Government, aerospace industries (Census)
- Defense Department progress payments outstanding (DOD)
- Employment in defense products industries, total (BLS)
- Employment in defense products industries, production workers (BLS)
- Index of aggregate weekly hours, defense products industries (BLS)
- Index of aggregate weekly payrolls, production workers, defense products industries (BLS)
- Defense Department personnel, military, active duty (DOD)
- Defense Department personnel, civilian, direct hire employment (DOD)
- Defense Department net outlays, total, military functions and military assistance (DOD)
- Defense Department net outlays, procurement (DOD)
- Budget outlays for the national defense function (Treasury)
- Defense Department personnel compensation (DOD)
- Manufacturers' shipments (Census):
  - Defense products industries
  - Defense products
- Manufacturers' shipments to the U.S. Government, aerospace industries (Census)
- Ratio, manufacturers' unfilled orders to shipments (Census):
  - Defense products industries
  - Defense products
- Ratio, manufacturers' inventories to shipments (Census):
  - Defense products industries
  - Defense products

#### Defense-Related Balance of Payments Components

- Transfers under U.S. military agency sales contracts—exports (BEA)
- Direct defense expenditures—imports (BEA)
- U.S. Government cash receipts associated with military sales contracts (BEA)

Some additional data are included in the tables though not presented in the charts. These include Defense Department military prime contract awards by procurement category (e.g., for aircraft, missiles and space systems, ships, weapons, and ammunition), the operations component of Defense Department

gross obligations incurred, gross unpaid obligations outstanding, and net outlays and the procurement component of gross unpaid obligations outstanding.

### Description of Basic Data

The Department of Defense compiles statistics on obligations, contract awards, personnel compensation, and outlays. The DOD obligations and outlays data are based on the Defense Department's monthly *Status of Funds* report which is developed from accounting data and is designed to provide information on the total status of Defense Department financing. Accounts included in this report are aggregated by appropriation categories including personnel costs, operations and maintenance, procurement, research and development, and construction. The *Status of Funds* report duplicates some obligations. That is, obligations of one government unit to another unit are not netted out.

The Defense Department's *Contract Awards* report covers the awarding of procurement contracts. These include obligations for operating and maintenance supplies, equipment and services, research and development, and construction in addition to the obligations for items that constitute the fiscal "procurement" category. The statistics are aggregated by commodity categories including aircraft, missile and space systems, ships, weapons, ammunition, electronics and communication equipment, fuels, and textiles and clothing. The *Contract Awards* report includes procurement for NASA, other nondefense agencies, and the Foreign Military Sales Program which are not included in the *Status of Funds* report.

The Census quarterly new orders, unfilled orders and shipments series for "aerospace industries" are based on reports of companies classified into the following industry categories:

Industry	SIC Code
Aircraft and parts .....	372
Guided missiles and space vehicles, completely assembled ..	1925

The Census and BLS data for "defense products industries" presented in this report cover companies and establishments<sup>1</sup> classified into the following industry categories in accordance with the *Standard Industrial Classification Manual*, 1967 edition, Executive Office of the President, Bureau of the Budget:

Industry	SIC Code
Ordnance and accessories .....	19
Communication equipment .....	366
Aircraft and parts .....	372

Establishments reporting to the BLS are classified into industries on the basis of their principal product or activity as determined from information on annual sales volume, which is collected each year on a supplement to the monthly report. The entire employment of an establishment making more than one product or engaging in more than one activity is included under the industry accounting for the largest percentage of the annual sales of that establishment.

The Census Bureau's monthly survey is based primarily on reports at the company level and the monthly estimates are benchmarked to the establishment data from the *Annual Survey*

<sup>1</sup> An establishment is a single physical location where business is conducted (e.g., a plant). A company often includes more than one establishment.

of *Manufactures*. Also, many of the large diversified companies file separate divisional reports monthly. Although the reports in the survey are also classified according to their principal product or activity, this difference in the organizational level from which reports are received results in firms being classified into different industries in the BLS and Census surveys and, consequently, limits somewhat the comparability of the data collected by these agencies. However, as we know from past studies in this area, some differences in industrial classification between BLS and Census data would remain even if reports came from the same organizational levels.

Both the Census and the BLS data include a significant amount of nondefense activities carried on by companies and establishments classified in the above industries. For example, the data cover the production of commercial as well as military aircraft. On the other hand, they exclude significant amounts of defense work carried on by companies and establishments classified in industries other than those listed above (e.g., the manufacture of military uniforms and the shipbuilding industry).<sup>2</sup>

Census data for "defense products" are based on separate reports on defense work filed by large defense contractors in the ordnance, communications, complete aircraft, aircraft parts, and shipbuilding industries. Thus, they differ from the "defense products industries" data in that they include defense activity in the shipbuilding industry and exclude nondefense work in the other industries covered. Defense products data cover work for the Department of Defense and exclude contracts for the National Aeronautics and Space Administration and the Atomic Energy Commission.

The DOD data are not strictly comparable in coverage with either the BLS or the Census data since the Defense Department figures (1) cover products of industries not included in the defense products category; (2) generally do not include non-defense activities (except that some series, such as contract awards, include activities by the Department of Defense on behalf of nondefense agencies); and (3) do not cover intermediate activities such as those related to subcontracting and supplying of parts. Thus, the Census Bureau data for manufacturers' new orders and shipments of defense products industries, for example, differ in coverage from the DOD contract awards and net outlays series.

The Department of Defense data are not comparable with Federal Government purchases of goods and services for national defense or the Treasury Department obligations and outlays data since the BEA and Treasury data cover defense-related activities of other agencies such as the Atomic Energy Commission, the Selective Service System, and the Office of Emergency Planning.

Projects to improve the comparability of the data collected by the Bureau of the Census, the Bureau of Labor Statistics, and the Department of Defense and to improve the separation of defense and nondefense activity for the Census and BLS data are being undertaken by the statistical agencies under the leadership of the Interagency Committee mentioned earlier in this report.

<sup>2</sup> See the Bureau of the Census publication *Shipments of Defense-Oriented Industries*, Current Industrial Reports, Series MA-175, for annual estimates of shipments by industry to the Department of Defense, the National Aeronautics and Space Administration, and the Atomic Energy Commission. Included also are industries not covered by the "defense products industries" category.



### Variability of Data

Seasonal variations dominate the movements of many time series, and adjustments for average seasonal fluctuations are often necessary to bring out the underlying trends of the series. These seasonal adjustments allow for the effects of repetitive intrayear variations resulting primarily from normal differences in weather conditions and from various institutional arrangements. An additional adjustment is sometimes necessary for series which contain considerable variation resulting from the number of working or trading days in each month. As used in this report, the term "seasonal adjustment" includes trading-day adjustments where they have been made.

Most of the series in this report are shown in seasonally adjusted form. For Defense Department and BLS series, unadjusted data are also shown since they are not readily available elsewhere. Current seasonal adjustment factors are shown in appendix A.

The effect of seasonal adjustment in reducing the month-to-month variation in the data can be seen in appendix B. There, the first two columns show the average month-to-month percent change (without regard to sign) in the data before and after seasonal adjustment. Some series still show very irregular month-to-month movements after adjustment for seasonal variation. The measures in appendix B also indicate the month-to-month variation in the irregular and short-term trend components of the series. For many series, irregular movements tend to dominate 1- or 2-month comparisons, and the underlying short-term trend becomes dominant in comparisons over longer spans. The "months for cyclical dominance" (MCD) measure estimates the span of months required for the short-term trend to dominate the irregular component. Series with an MCD of 4 or more are supplemented with a moving average (with the

number of terms equal to MCD) in the charts. Data for these moving averages are listed in the basic data tables.

### Guide to Charts and Tables

Most series are plotted on a standard ratio scale so that equal percent changes cover the same vertical distance. For these series, an increase of 100 percent covers approximately 1 inch. Arithmetic scales are used for series with zero or negative data, series which could approach zero (e.g., average overtime hours and layoff rate), and series expressed in percent.

In general, monthly data are plotted with a solid line and quarterly data are represented by a solid line with quarterly plot points. Quarterly series are also identified with a "Q" after their titles. For series which include a moving average, a dashed line is used for the actual monthly data and a solid line for the moving average. (The moving average values are centered within the span of months they are computed from.) Exceptions to this scheme may be necessary for special situations. Data apply to the whole period except for series designated "EOM" (end of month) or "EOQ" (end of quarter). The number in the box at the right of each series indicates the latest month (Arabic) or quarter (Roman) plotted. Parallel lines across a series indicate a break in continuity (e.g., data not available or change in series definition).

Tables 1, 2, 3, and 4 present current data for the series shown in the charts, including the moving averages. They also include unadjusted data for some series and data for related series which are not plotted. Table A summarizes the most recent data and percent changes for many of the series in the report. Historical data are shown on an intermittent basis in appendix C. (The index indicates the appropriate issue for each series.)

### New Features and Changes for This Issue

Appendix C contains historical data for series 625-638 and 640.

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The November issue of DEFENSE INDICATORS is scheduled for release on December 1.



# Table A. Summary of Recent Data and Current Percent Changes for Principal Defense Indicators

(Preliminary and revised figures are not identified here but the user may consult tables 1, 2, 3, and 4 where such identification is given)

Series title	Unit of measure	Basic data								Percent change				Series number
		Average		1st Q 1976	2d Q 1976	3d Q 1976	July 1976	Aug. 1976	Sept. 1976	July '76 to Aug. '76	Aug. '76 to Sept. '76	1st Q '76 to 2d Q '76	2d Q '76 to 3d Q '76	
		1974	1975											
GROSS NATIONAL PRODUCT AND NATIONAL DEFENSE PURCHASES														
200. Gross national product (BEA) .....	Ann. rate, bil. dol. ....	1413.2	1516.3	1636.2	1675.2	1709.7	---	---	---	---	---	2.4	2.1	200
264. Federal Government purchases of goods and services, national defense (BEA) .....	do .....	77.3	84.3	86.2	86.9	88.6	---	---	---	---	---	0.8	2.0	264
613. National defense purchases as a percent of GNP (BEA) <sup>1</sup> .....	Percent .....	5.5	5.6	5.3	5.2	5.2	---	---	---	---	---	-0.1	0.0	613
ADVANCE INDICATORS OF DEFENSE ACTIVITY														
Defense Dept. gross obligations incurred (DOD):														
617. Total .....	Ann. rate, bil. dol. ....	93.9	98.5	99.7	105.6	NA	97.4	82.0	NA	-15.8	NA	5.9	NA	617
621. Procurement .....	do .....	20.6	20.4	21.1	24.7	NA	27.4	18.7	NA	-31.8	NA	17.1	NA	621
623. Gross obligations incurred outside the Federal Government for national defense (Treasury) .....	do .....	101.1	104.1	116.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	623
625. Defense Department military prime contract awards for work performed in the U.S. (DOD) .....	do .....	41.4	43.3	50.8	43.9	NA	26.8	44.0	NA	64.2	NA	-13.6	NA	625
643. Defense Department gross unpaid obligations outstanding (DOD) .....	Bil. dol., end of period .....	40.0	40.9	41.9	44.1	NA	43.8	41.3	NA	-5.7	NA	5.3	NA	643
648. Mfrs.' new orders, defense products (Census) .....	Ann. rate, bil. dol. ....	22.8	21.2	23.2	26.2	16.3	11.9	23.6	13.5	98.3	-42.8	12.9	-37.8	648
650. Manufacturers' new orders from the U.S. Government, aerospace industries (Census) .....	do .....	19.1	18.3	21.7	19.5	NA	---	---	---	---	---	-10.1	NA	650
653. Average weekly overtime hours, production workers, defense products industries (BLS) <sup>1</sup> .....	Hours .....	2.6	2.5	2.6	2.4	NA	2.7	2.5	NA	-0.2	NA	-0.2	NA	653
654. Accessions, defense products industries (BLS) <sup>1</sup> .....	Number per 100 employees .....	2.1	1.4	1.6	1.5	NA	1.3	NA	NA	NA	NA	-0.1	NA	654
655. Layoffs, defense products industries (BLS) <sup>1</sup> .....	do .....	0.6	1.2	0.8	0.6	NA	0.8	NA	NA	NA	NA	-0.2	NA	655
INTERMEDIATE AND FINAL INDICATORS OF DEFENSE ACTIVITY														
657. Output of defense and space equipment (FRB) .....	1967=100 .....	82.4	80.0	77.7	77.9	78.7	78.0	79.0	79.1	1.3	0.1	0.3	1.0	657
659. Mfrs.' inventories, defense products (Census) .....	Bil. dol., end of period .....	6.5	7.8	8.1	8.5	NA	8.6	8.6	NA	0.0	NA	4.9	NA	659
661. Mfrs.' unfilled orders, defense products (Census) .....	do .....	24.6	25.4	25.6	26.6	25.3	25.9	26.0	25.3	0.4	-2.7	3.9	-4.9	661
664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries (Census) .....	do .....	20.7	21.8	22.6	22.5	NA	---	---	---	---	---	-0.4	NA	664
666. Defense Department progress payments outstanding (DOD) <sup>1</sup> .....	do .....	9.2	11.3	9.8	12.0	NA	---	---	---	---	---	22.4	NA	666
Employment in defense products industries (BLS):														
670. Total .....	Thousands .....	1,177	1,116	1,078	1,069	1,055	1,050	1,059	1,057	0.9	-0.2	-0.8	-1.3	670
671. Production workers .....	do .....	618	570	540	535	525	516	529	530	2.5	0.2	-0.9	-1.9	671
673. Index of aggregate weekly hours, defense products industries (BLS) .....	1967=100 .....	69.4	66.0	63.7	62.8	NA	62.2	62.6	NA	0.6	NA	-1.4	NA	673
675. Index of aggregate weekly payrolls, production workers, defense products industries (BLS) .....	do .....	98.2	100.5	100.9	99.6	NA	97.7	101.6	NA	4.0	NA	-1.3	NA	675
Defense Department personnel (DOD): <sup>1</sup>														
677. Military, active duty .....	Thousands, end of period .....	2,140	2,064	2,090	2,082	NA	2,087	2,085	NA	-0.1	NA	-0.4	NA	677
678. Civilian, direct hire employment .....	do .....	1,043	1,028	1,016	1,010	NA	1,014	1,006	NA	-0.8	NA	-0.6	NA	678
Defense Department net outlays (DOD):														
680. Total, military functions and military assistance .....	Ann. rate, bil. dol. ....	83.6	86.5	83.9	85.7	95.8	104.0	89.9	93.5	-13.6	4.0	2.1	11.8	680
682. Procurement .....	do .....	15.5	16.2	15.0	16.9	15.2	15.9	12.7	17.0	-20.1	33.9	12.7	-10.1	682
683. Budget outlays for the national defense function (Treasury) .....	do .....	84.8	92.5	82.0	87.7	96.1	104.6	88.9	94.8	-15.0	6.6	7.0	9.6	683
685. Defense Dept. personnel compensation (DOD) .....	do .....	33.5	34.6	34.2	35.3	NA	35.5	35.6	NA	0.3	NA	3.2	NA	685
688. Mfrs.' shipments, defense products (Census) .....	do .....	18.9	20.4	22.5	22.1	21.4	20.6	21.8	22.0	5.8	0.9	-1.8	-3.2	688
689. Manufacturers' shipments to the U.S. Government, aerospace industries (Census) .....	do .....	15.2	17.3	18.2	20.2	NA	---	---	---	---	---	11.0	NA	689
691. Ratio, manufacturers' unfilled orders to shipments, defense products (Census) .....	Ratio .....	14.5	14.9	13.4	14.2	14.4	15.1	14.3	13.8	-5.3	-3.5	6.0	1.4	691
693. Ratio, manufacturers' inventories to shipments, defense products (Census) .....	do .....	3.9	4.3	4.2	4.5	NA	5.0	4.7	NA	-6.0	NA	7.1	NA	693
DEFENSE-RELATED BALANCE OF PAYMENTS COMPONENTS														
546. Transfers under U.S. military agency sales contracts—exports (BEA) <sup>1</sup> .....	Ann. rate, mil. dol. ....	2,952	3,897	4,580	4,296	NA	---	---	---	---	---	-284	NA	546
547. Direct defense expenditures—imports (BEA) <sup>1</sup> .....	do .....	5,035	4,780	4,600	4,348	NA	---	---	---	---	---	-252	NA	547
696. U.S. Government cash receipts associated with military sales contracts (BEA) <sup>1</sup> .....	do .....	2,942	4,591	9,176	7,580	NA	---	---	---	---	---	-1,596	NA	696

NOTE: This table is presented as a convenient summary of the current data for many of the indicators in this report. In many cases, data shown here are rounded to fewer digits or are in different units than those shown in tables 1, 2, 3, and 4. Where available, annual figures are those published by the source agencies; otherwise they (and the quarterly figures for monthly series) are averages or totals of the data as shown in the data tables. Series are seasonally adjusted except for those indicated by <sup>1</sup>, which appear to contain no seasonal movement.

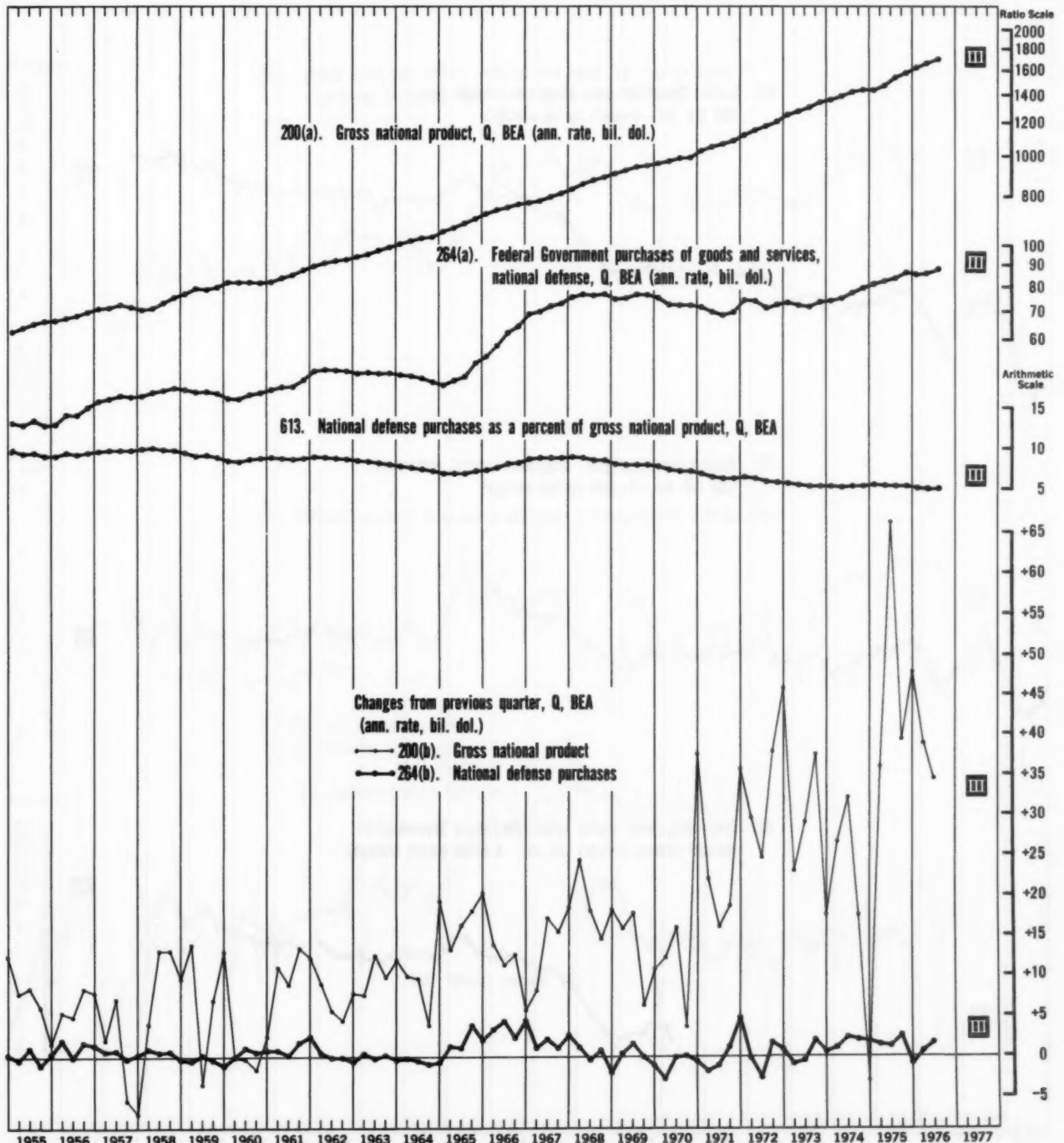
NA = not available.

<sup>2</sup>Differences rather than percent changes are shown for this series.

CHART

1

# Gross National Product and National Defense Purchases

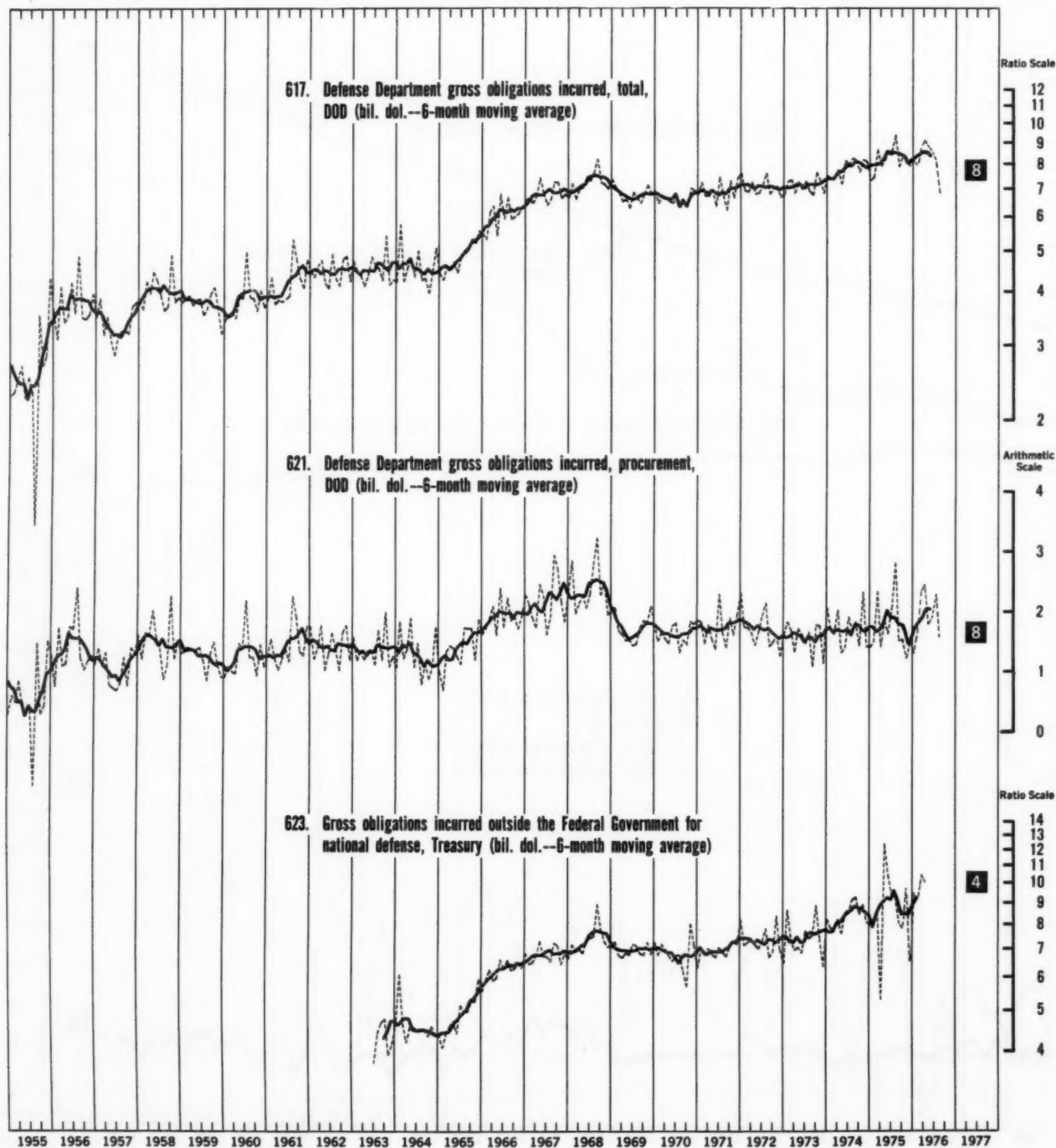


Current data for these series are shown on page 14.

CHART

2

## Advance Indicators of Defense Activity

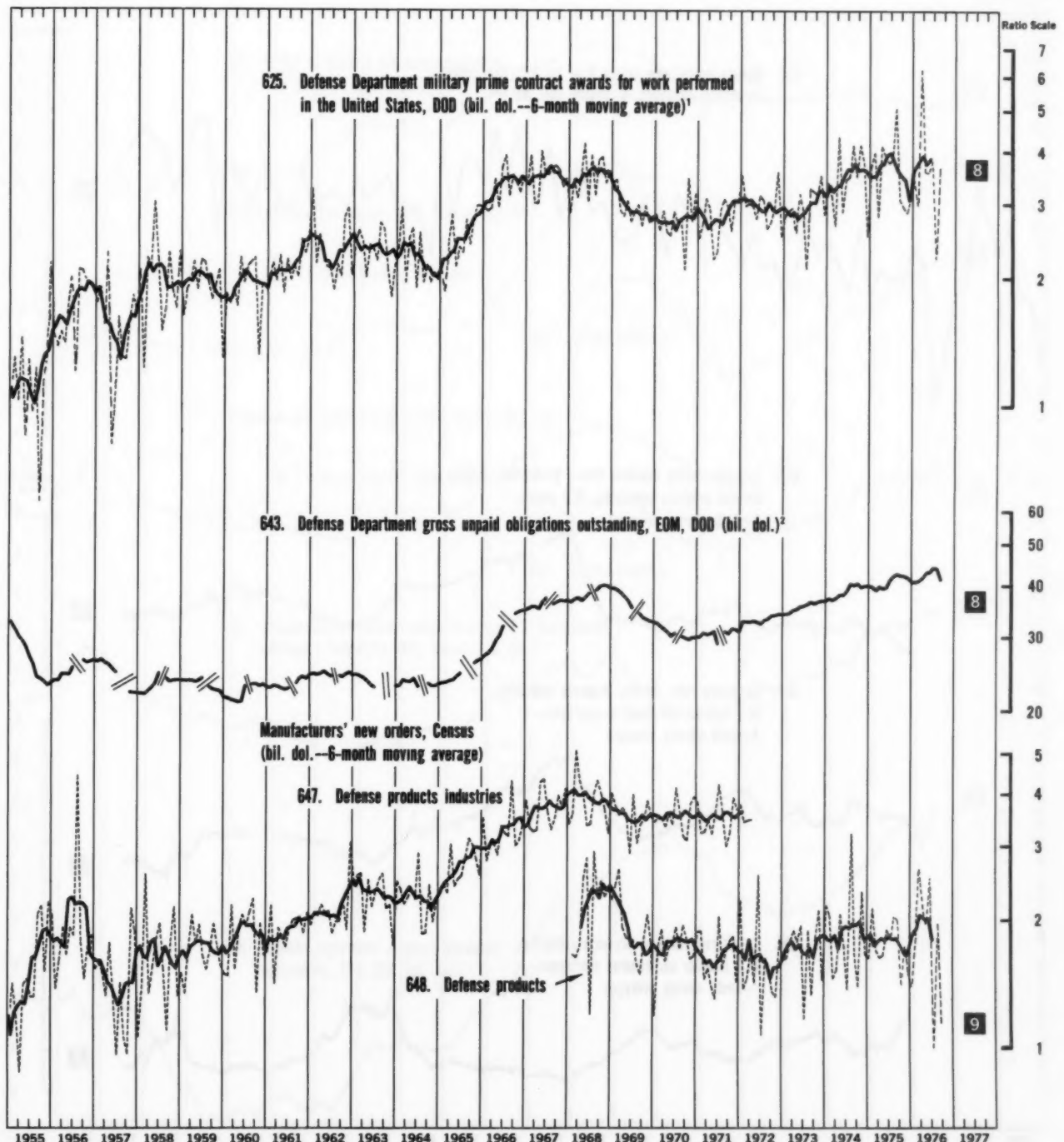


Current data for these series are shown on pages 15 and 16.

CHART

2

# Advance Indicators of Defense Activity--Continued



<sup>1</sup> Data prior to July 1955 exclude orders written to other Government agencies.

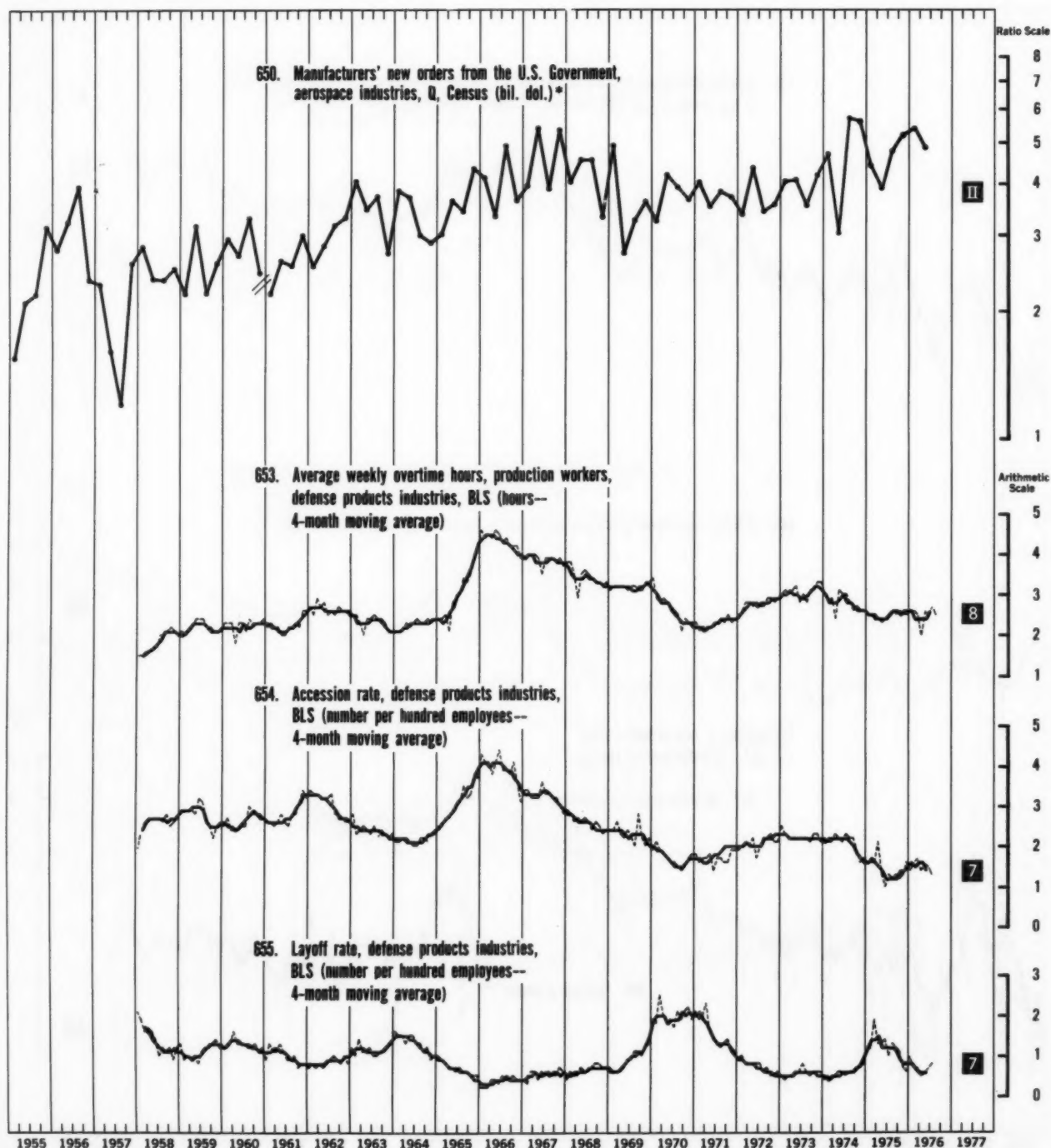
<sup>2</sup> Data for the following months not available: July of 1956-71; August of 1956-57 and 1963-66; September of 1957, 1963, and 1965; and October and November of 1963.

Current data for these series are shown on pages 16 and 20.

CHART

2

## Advance Indicators of Defense Activity--Continued



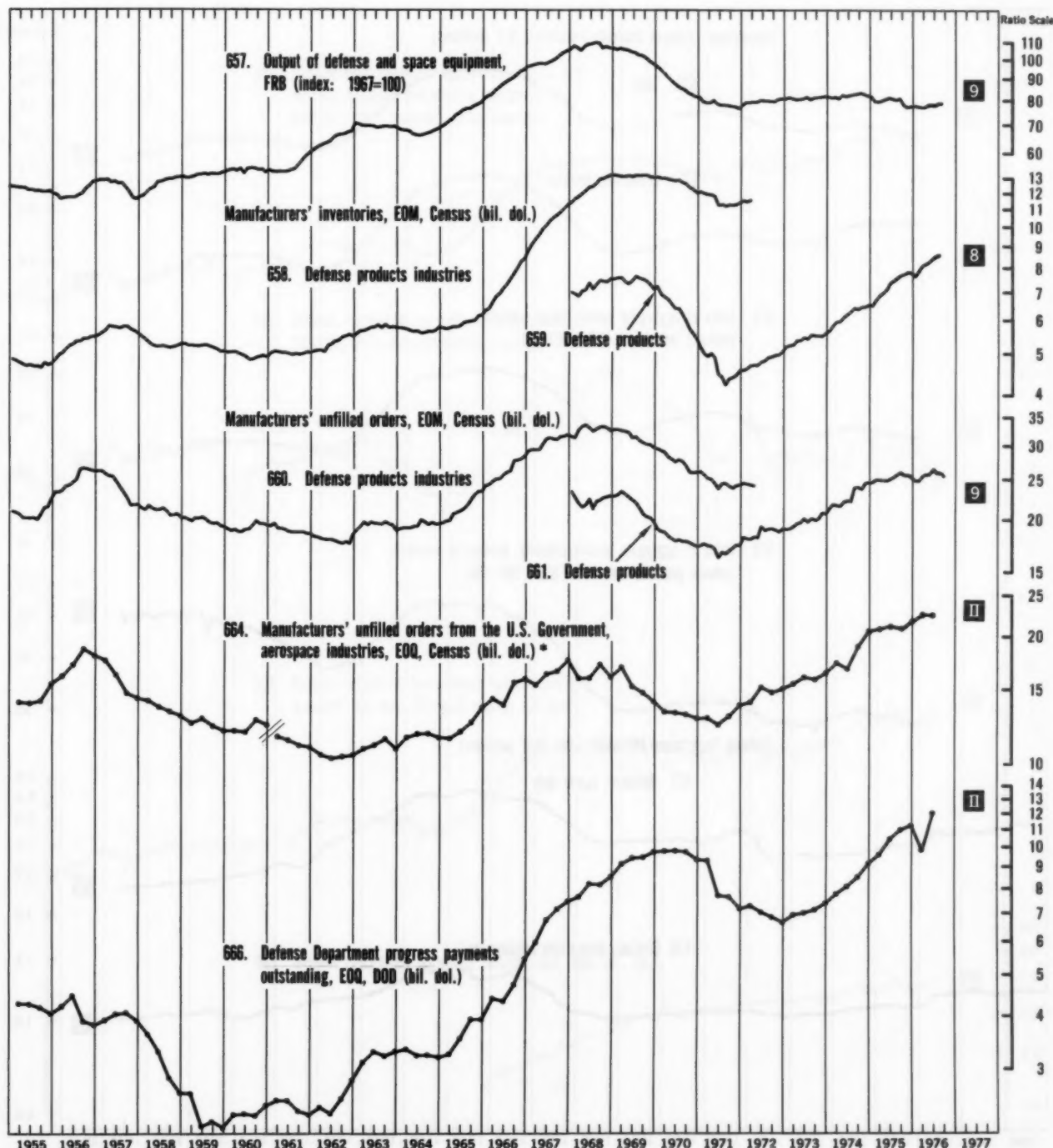
\*Data prior to 1961 include orders from non-Government customers.  
Current data for these series are shown on pages 20 and 21.



CHART

3

# Intermediate and Final Indicators of Defense Activity

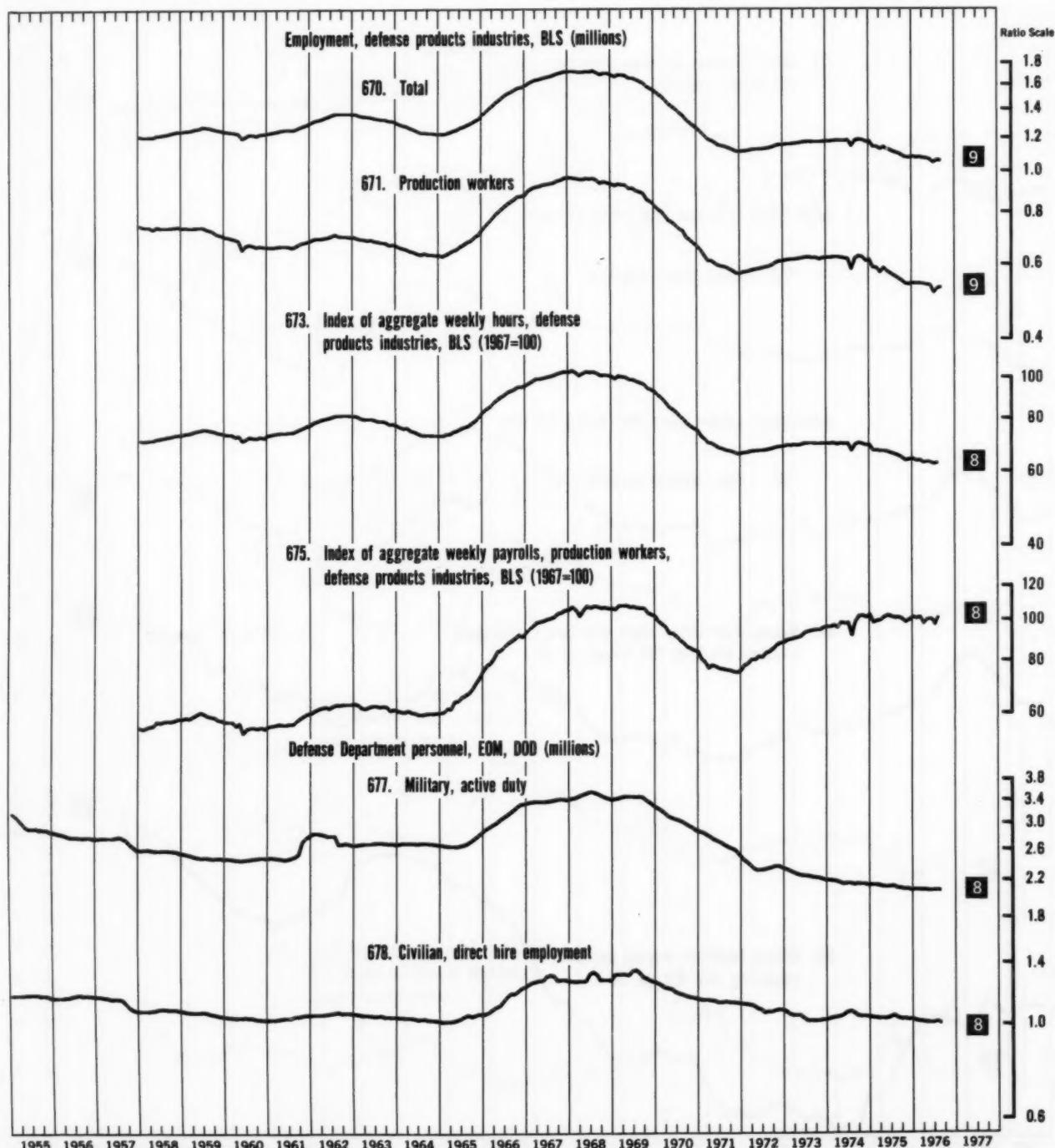


\*Data prior to 1961 include orders from non-Government customers.  
Current data for these series are shown on page 22.

CHART

3

# Intermediate and Final Indicators of Defense Activity--Continued

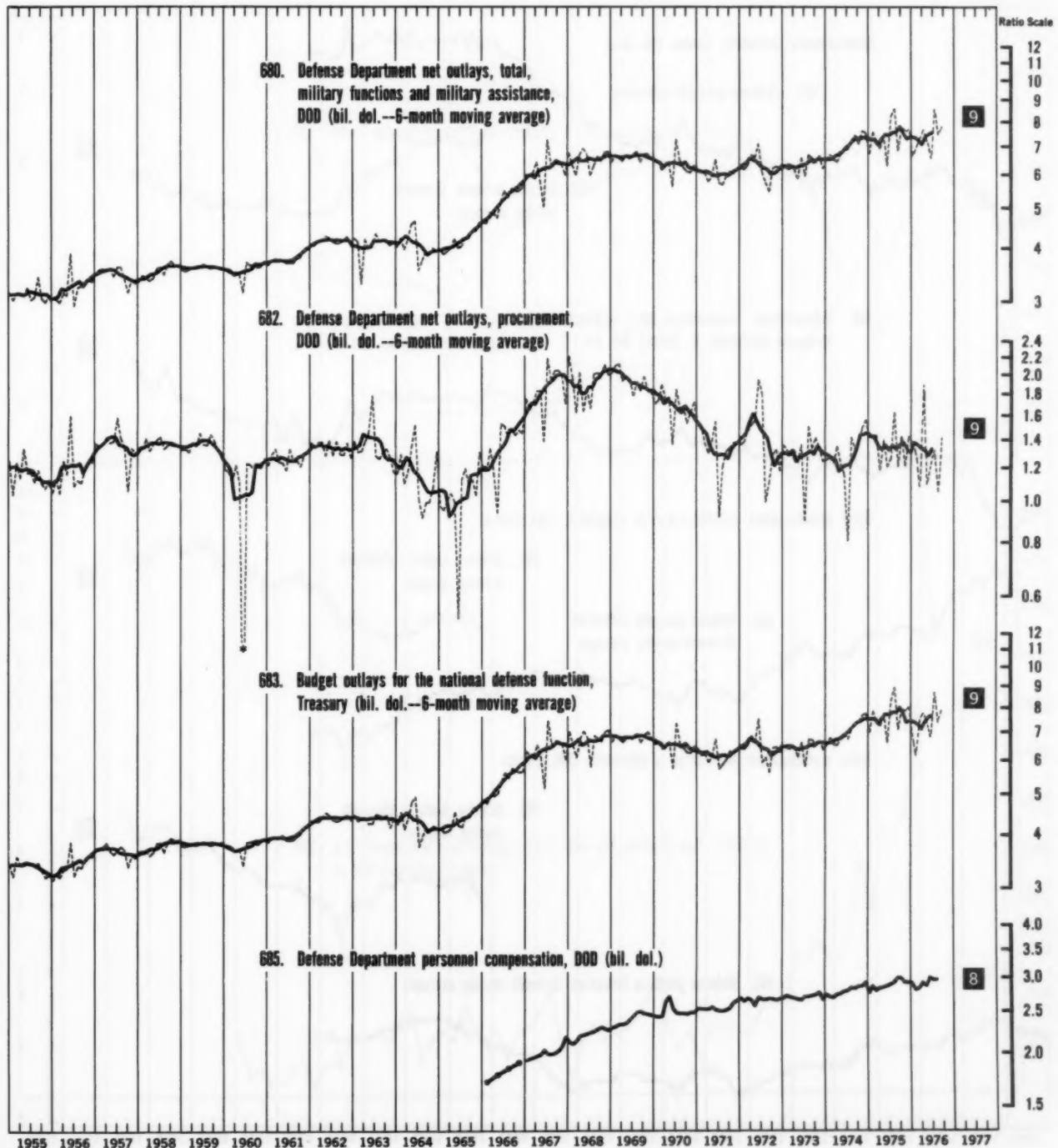


Current data for these series are shown on pages 22, 23, and 24.

CHART

3

# Intermediate and Final Indicators of Defense Activity--Continued

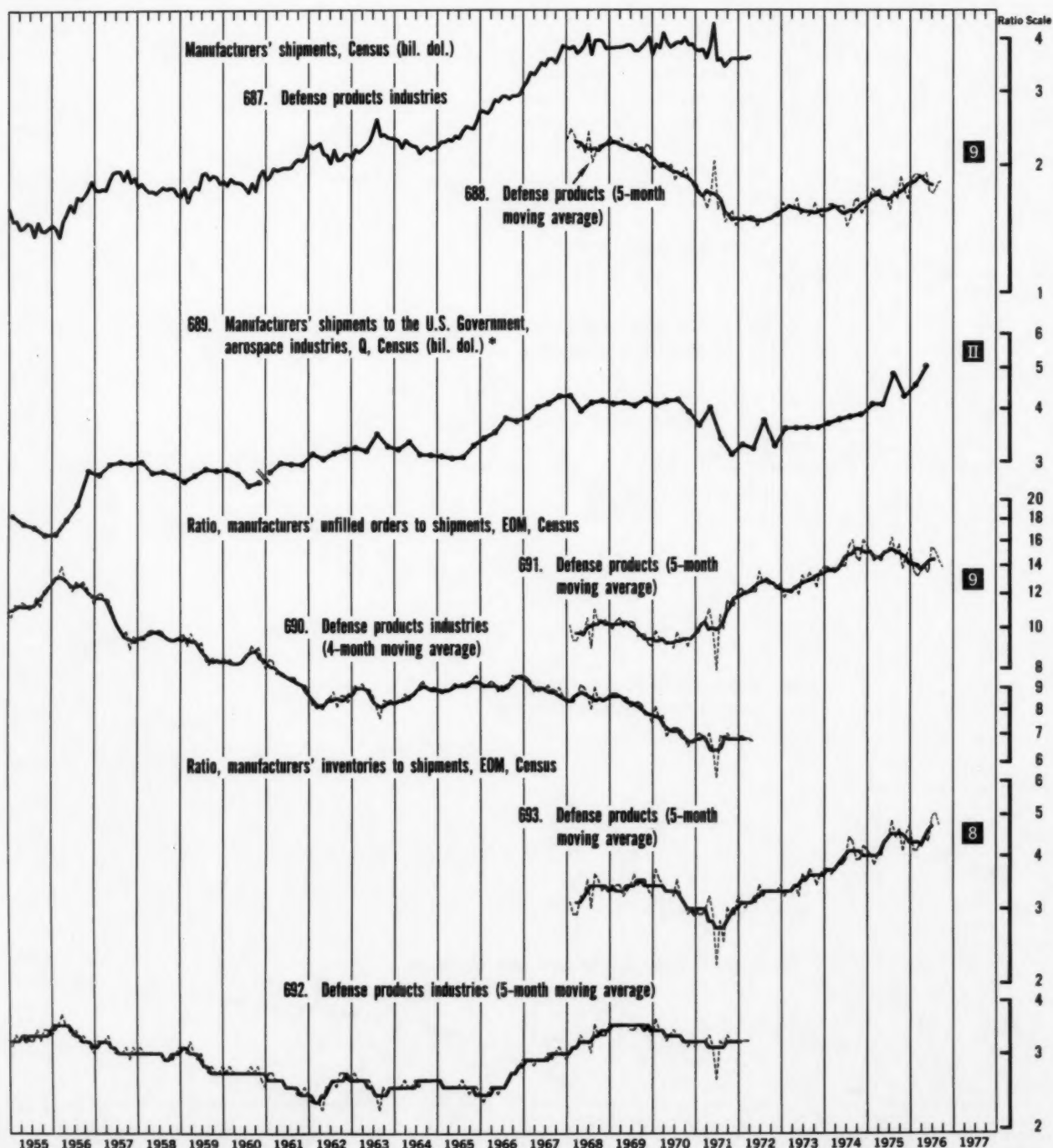


\*Net expenditures for procurement, June 1960--\$245 million.  
Current data for these series are shown on pages 24 and 25.

CHART

3

# Intermediate and Final Indicators of Defense Activity--Continued



\*Data prior to 1961 include shipments to non-Government customers.  
Current data for these series are shown on page 26.

CHART

4

# Defense-Related Balance of Payments Components



\*See footnotes 1 and 2 on page 27.  
Current data for these series are shown on page 27.



# defense indicators

TABLE

1

## Gross National Product and National Defense Purchases

Year and month	200(a). Gross national product, BEA*	264(a). Federal Government purchases of goods and services, national defense, BEA*	613. National defense purchases as a percent of gross national product, BEA*	200(b). Change in gross national product, BEA*	264(b). Change in Federal Government purchases of goods and services, national defense, BEA*
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Percent)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1974					
January .....	...	...	...	17.6	0.5
February .....	1,372.7	74.9	5.5	...	...
March .....	...	...	...	...	...
April .....	...	...	...	26.7	1.0
May .....	1,399.4	75.9	5.4	...	...
June .....	...	...	...	...	...
July .....	...	...	...	32.2	2.3
August .....	1,431.6	78.2	5.5	...	...
September .....	...	...	...	...	...
October .....	...	...	...	17.6	2.0
November .....	1,449.2	80.2	5.5	...	...
December .....	...	...	...	...	...
1975					
January .....	...	...	...	-3.0	1.8
February .....	1,446.2	82.0	5.7	...	...
March .....	...	...	...	...	...
April .....	...	...	...	36.1	1.4
May .....	1,482.3	83.4	5.6	...	...
June .....	...	...	...	...	...
July .....	...	...	...	66.4	1.2
August .....	1,548.7	84.6	5.5	...	...
September .....	...	...	...	...	...
October .....	...	...	...	39.5	2.5
November .....	1,588.2	87.1	5.5	...	...
December .....	...	...	...	...	...
1976					
January .....	...	...	...	48.0	-0.9
February .....	1,636.2	86.2	5.3	...	...
March .....	...	...	...	...	...
April .....	...	...	...	39.0	0.7
May .....	1,675.2	86.9	5.2	...	...
June .....	...	...	...	...	...
July .....	...	...	...	p34.5	p1.7
August .....	p1,709.7	p88.6	p5.2	...	...
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	...	...	...	...	...
December .....	...	...	...	...	...

Note: All data on this page are seasonally adjusted. NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 5.)

## Advance Indicators of Defense Activity

Year and month	Defense Department gross obligations incurred, DOD							
	617. Total			619. Operations		621. Procurement		
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974								
January .....	8,113	7,527	7,374	4,991	4,714	2,337	2,077	1,689
February .....	6,826	7,398	7,390	4,187	4,758	1,677	1,708	1,731
March .....	6,613	7,485	7,368	4,377	4,699	1,381	1,642	1,658
April .....	7,375	7,762	7,588	4,982	4,804	1,546	2,040	1,702
May .....	6,104	7,187	7,664	4,434	4,662	894	1,330	1,675
June .....	10,110	8,166	7,810	6,170	5,466	2,465	1,412	1,672
July .....	9,285	7,983	7,926	5,901	5,110	1,332	1,919	1,706
August .....	8,874	8,279	7,912	5,224	5,203	1,416	1,692	1,607
September .....	7,790	8,179	8,083	4,771	5,040	1,919	1,842	1,777
October .....	7,965	7,681	8,075	5,394	4,999	1,709	1,446	1,780
November .....	7,600	8,211	7,968	4,471	4,786	2,281	2,349	1,697
December .....	7,260	8,116	7,832	4,826	5,334	1,646	1,431	1,667
1975								
January .....	8,252	7,341	7,916	5,471	5,148	1,895	1,424	1,751
February .....	6,904	7,467	7,958	4,604	5,220	1,569	1,509	1,748
March .....	7,526	8,677	7,956	4,787	5,251	1,994	2,349	1,665
April .....	7,403	7,933	8,033	5,424	5,209	1,147	1,425	1,700
May .....	6,796	8,199	8,246	4,761	5,121	1,147	1,850	1,808
June .....	11,027	8,583	8,569	6,275	5,560	2,693	1,642	2,027
July .....	9,903	8,614	8,440	6,641	5,624	1,510	2,074	1,891
August .....	9,812	9,406	8,516	5,337	5,327	2,508	2,821	1,911
September .....	7,705	7,907	8,494	5,203	5,442	1,506	1,535	1,808
October .....	9,045	8,387	8,385	6,130	5,660	1,733	1,543	1,784
November .....	6,976	8,069	8,304	4,829	5,334	1,320	1,234	1,658
December .....	7,156	7,925	8,064	4,895	5,373	1,428	1,494	1,456
1976								
January .....	8,652	8,132	8,220	6,010	5,729	1,697	1,321	1,592
February .....	7,206	7,962	8,344	4,745	5,203	1,664	1,611	1,745
March .....	8,241	8,842	8,461	4,995	5,354	2,093	2,349	1,836
April .....	8,677	9,134	8,556	5,946	5,784	1,688	2,461	1,909
May .....	6,825	8,772	8,553	4,828	5,419	1,155	1,780	2,069
June .....	11,319	8,491	8,365	5,949	5,059	3,218	1,930	2,060
July .....	9,593	8,116	(NA)	6,362	5,369	1,812	2,285	(NA)
August .....	7,427	6,833		5,055	5,010	1,458	1,556	
September .....	(NA)	(NA)		(NA)	(NA)	(NA)	(NA)	
October .....								
November .....								
December .....								

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 6.)

# defense indicators

TABLE

2

## Advance Indicators of Defense Activity--Continued

Year and month	623. Gross obligations incurred outside the Federal Government for national defense, Treasury		Defense Department military prime contract awards for work performed in the United States, DOD						
			625. Total			626. Aircraft		627. Missile and space systems	
	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974									
January .....	8,264	7,784	3,084	3,378	3,123	1,093	...	206	...
February .....	7,874	7,673	2,613	3,141	3,317	598	2,424	305	844
March .....	7,819	7,712	2,602	2,677	3,212	517	...	255	...
April .....	8,270	p8,068	3,127	4,343	3,310	459	...	303	...
May .....	7,647	p8,112	2,250	2,881	3,329	308	1,104	297	1,271
June .....	p8,534	p8,333	6,086	3,440	3,498	502	...	323	...
July .....	8,526	p8,584	3,924	3,494	3,636	1,089	...	618	...
August .....	9,202	p8,623	4,091	4,153	3,605	591	2,446	430	1,448
September .....	9,326	p8,842	3,586	3,502	3,754	866	...	848	...
October .....	8,503	8,776	4,165	4,161	3,603	1,156	...	410	...
November .....	8,963	8,700	3,207	3,777	3,636	856	2,900	434	1,107
December .....	8,139	8,545	2,616	2,532	3,609	569	...	361	...
1975									
January .....	8,069	8,422	3,567	3,693	3,494	1,062	...	346	...
February .....	8,271	7,894	3,321	3,987	3,488	509	2,147	276	980
March .....	8,590	8,472	2,625	2,817	3,513	421	...	244	...
April .....	5,335	p8,863	2,914	4,122	3,720	316	...	377	...
May .....	12,426	p9,084	2,713	3,926	3,744	386	1,240	242	1,654
June .....	p10,487	p9,259	6,626	3,773	3,925	732	...	537	...
July .....	9,397	p9,176	4,376	3,842	3,969	810	...	661	...
August .....	9,321	p9,592	5,295	5,072	3,776	1,254	2,471	1,070	1,586
September .....	8,092	p9,137	3,179	3,080	3,600	469	...	379	...
October .....	7,830	8,479	3,174	2,961	3,493	817	...	463	...
November .....	9,697	8,492	2,608	2,872	3,420	373	1,807	498	1,327
December .....	6,537	8,467	2,870	3,130	3,074	483	...	426	...
1976									
January .....	9,476	8,870	3,288	3,407	3,612	546	...	341	...
February .....	9,168	9,235	2,529	2,993	3,716	356	3,008	278	1,027
March .....	10,511	(NA)	5,356	6,309	3,832	2,064	...	243	...
April .....	10,022		2,600	3,586	3,946	326	...	290	...
May .....	(NA)		2,563	3,565	3,751	576	2,399	213	1,503
June .....			6,843	3,817	3,863	1,562	...	602	...
July .....			2,592	2,234	(NA)	416	...	287	...
August .....			3,969	3,665		914	(NA)	422	(NA)
September .....			(NA)	(NA)		(NA)		(NA)	
October .....									
November .....									
December .....									

NA=not available; p=preliminary; r=revised; e=estimated.

\*Indicates series shown in charts. (See pages 6 and 7.)

## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued						
	628. Ships, not seasonally adjusted	629. Weapons and ammunition		630. Electronic and communications equipment		631. Combat vehicles	
		Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January .....	52	135	...	311	...	102	...
February .....	212	244	541	415	1,013	5	253
March .....	103	142	...	206	...	40	...
April .....	190	170	...	403	...	129	...
May .....	155	123	680	270	1,110	98	502
June .....	1,175	554	...	732	...	404	...
July .....	230	37	...	321	...	59	...
August .....	625	72	453	402	1,316	104	249
September .....	134	111	...	352	...	151	...
October .....	210	122	...	598	...	25	...
November .....	328	114	334	349	1,239	22	126
December .....	109	165	...	254	...	81	...
1975							
January .....	325	125	...	414	...	21	...
February .....	251	160	515	331	1,379	66	288
March .....	11	217	...	535	...	52	...
April .....	621	147	...	313	...	23	...
May .....	94	128	683	587	1,255	86	191
June .....	858	672	...	696	...	161	...
July .....	250	52	...	394	...	126	...
August .....	814	126	630	470	1,559	70	259
September .....	439	95	...	430	...	90	...
October .....	80	128	...	439	...	67	...
November .....	114	66	303	445	1,277	14	172
December .....	211	146	...	332	...	62	...
1976							
January .....	310	76	...	263	...	48	...
February .....	124	101	341	305	1,079	26	238
March .....	1,213	148	...	442	...	61	...
April .....	306	158	...	348	...	32	...
May .....	65	135	493	381	1,172	63	415
June .....	346	450	...	735	...	512	...
July .....	506	52	...	207	...	4	...
August .....	91	90	(NA)	506	(NA)	150	(NA)
September .....	(NA)	(NA)		(NA)		(NA)	
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated.

defense indicators

TABLE

2

Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued							
	632. Other hard goods		633. Soft goods		634. Construction		635. Services	
	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974								
January .....	128	...	297	...	90	...	204	...
February .....	111	467	145	1,374	52	258	138	900
March .....	179	...	487	...	92	...	181	...
April .....	294	...	344	...	248	...	166	...
May .....	139	564	214	1,081	58	504	168	846
June .....	352	...	256	...	604	...	524	...
July .....	163	...	338	...	131	...	451	...
August .....	158	677	819	890	148	601	303	762
September .....	129	...	219	...	112	...	233	...
October .....	108	...	267	...	138	...	446	...
November .....	127	391	226	692	126	578	185	742
December .....	135	...	222	...	104	...	181	...
1975								
January .....	154	...	217	...	168	...	307	...
February .....	143	497	704	1,489	134	481	341	1,396
March .....	152	...	191	...	127	...	201	...
April .....	147	...	164	...	156	...	190	...
May .....	165	487	121	658	291	838	211	925
June .....	399	...	213	...	1,073	...	574	...
July .....	104	...	811	...	82	...	634	...
August .....	115	532	307	937	61	486	570	1,136
September .....	150	...	256	...	178	...	204	...
October .....	201	...	173	...	149	...	216	...
November .....	156	631	214	687	56	605	210	523
December .....	179	...	244	...	176	...	121	...
1976								
January .....	190	...	817	...	85	...	244	...
February .....	180	590	330	1,611	107	448	256	1,111
March .....	166	...	187	...	151	...	230	...
April .....	173	...	221	...	198	...	179	...
May .....	159	434	120	780	213	611	158	881
June .....	316	...	243	...	791	...	587	...
July .....	92	...	287	...	79	...	335	...
August .....	177	(NA)	513	(NA)	196	(NA)	504	(NA)
September .....	(NA)		(NA)		(NA)		(NA)	
October .....								
November .....								
December .....								

NA=not available; p=preliminary; r=revised; e=estimated.



## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued					640. Defense Department military prime contract awards for work outside the United States, DOD	
	636. Contracts under \$10,000		637. Educational and nonprofit institutions		638. Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), not seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted			
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January .....	327	...	76	...	63	160	...
February .....	333	996	55	233	0	114	594
March .....	329	...	58	...	13	198	...
April .....	384	...	37	...	0	80	...
May .....	382	1,066	38	186	0	94	559
June .....	570	...	70	...	20	333	...
July .....	225	...	162	...	100	421	...
August .....	321	1,116	118	243	0	448	632
September .....	380	...	51	...	0	120	...
October .....	399	...	46	...	240	190	...
November .....	374	1,204	59	187	7	93	559
December .....	343	...	92	...	0	111	...
1975							
January .....	372	...	51	...	5	114	...
February .....	345	1,144	61	205	0	93	388
March .....	419	...	53	...	2	96	...
April .....	418	...	42	...	0	73	...
May .....	367	1,141	35	201	0	86	813
June .....	635	...	76	...	0	558	...
July .....	263	...	184	...	5	244	...
August .....	345	1,218	92	253	1	149	317
September .....	409	...	80	...	0	124	...
October .....	374	...	67	...	0	252	...
November .....	412	1,273	50	192	0	164	941
December .....	408	...	82	...	0	255	...
1976							
January .....	327	...	39	...	2	286	...
February .....	416	1,156	48	163	2	95	681
March .....	405	...	44	...	2	139	...
April .....	300	...	68	...	1	147	...
May .....	430	1,100	50	254	0	93	609
June .....	625	...	73	...	1	306	...
July .....	253	...	74	...	0	208	...
August .....	351	(NA)	55	(NA)	0	132	(NA)
September .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated.

# defense indicators

TABLE

2

## Advance Indicators of Defense Activity--Continued

Year and month	Defense Department gross unpaid obligations outstanding, DOD						648. Manufacturers' new orders, defense products, Census		650. Manufacturers' new orders from the U.S. Government, aerospace industries, Census, seasonally adjusted*
	643. Total		644. Operations		645. Procurement				
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	
1974									
January .....	38,249	37,280	7,425	6,959	23,791	23,143	2,183	1,852	...
February .....	37,963	37,001	7,055	6,964	24,032	23,175	2,064	1,802	4,705
March .....	37,249	37,436	6,779	7,189	23,847	23,634	1,462	1,794	...
April .....	37,264	38,141	7,044	7,550	23,778	23,970	1,527	1,844	...
May .....	35,601	38,076	6,476	7,301	23,123	23,987	2,079	1,710	3,073
June .....	37,545	38,947	7,373	8,417	23,994	23,756	1,752	1,904	...
July .....	e39,626	e40,435	e8,149	e8,392	e24,316	e24,914	1,377	1,940	...
August .....	40,594	40,152	8,426	8,010	23,791	24,351	3,229	1,919	5,709
September .....	41,055	40,488	8,311	7,991	24,283	24,703	1,678	1,965	...
October .....	41,201	39,731	8,607	7,610	24,361	24,337	1,401	1,951	...
November .....	40,949	40,068	7,906	7,334	25,147	25,022	2,351	1,994	5,627
December .....	40,407	40,047	7,654	7,556	25,199	25,024	1,668	1,813	...
1975									
January .....	40,819	39,823	7,997	7,495	25,484	24,838	1,635	1,817	...
February .....	40,008	39,147	7,520	7,460	25,452	24,568	2,147	1,857	4,415
March .....	39,473	39,791	7,169	7,651	25,688	25,259	1,702	1,742	...
April .....	38,589	39,457	7,276	7,807	24,932	24,957	1,639	1,782	...
May .....	37,120	39,658	6,746	7,666	24,321	25,099	1,659	1,812	3,912
June .....	39,557	41,334	7,303	8,346	25,311	25,438	1,909	1,796	...
July .....	e41,470	e42,144	e8,733	e8,939	e25,167	e25,370	1,818	1,844	...
August .....	43,248	42,651	8,677	8,280	26,070	26,684	2,048	1,806	4,783
September .....	43,084	42,281	8,677	8,287	26,002	26,479	1,991	1,821	...
October .....	43,754	42,193	9,259	8,172	26,081	26,238	1,408	1,753	...
November .....	42,767	41,724	8,804	8,144	25,810	25,707	1,750	1,681	5,227
December .....	41,551	40,897	8,261	8,155	25,507	25,305	1,501	1,637	...
1976									
January .....	42,110	40,804	8,947	8,489	25,503	24,905	1,390	1,744	...
February .....	41,512	41,101	8,538	8,624	25,586	24,841	1,784	1,858	r5,414
March .....	41,046	41,926	7,966	8,584	25,783	25,277	2,633	1,892	...
April .....	41,029	42,962	8,253	8,865	25,606	25,657	2,093	2,061	...
May .....	39,742	43,245	7,795	8,960	25,125	25,929	1,950	1,994	p4,872
June .....	42,152	44,092	8,037	8,980	26,508	26,482	2,517	r2,024	...
July .....	43,366	43,804	8,939	8,842	26,537	27,162	989	p1,773	...
August .....	42,525	41,286	8,569	8,061	26,346	26,802	r1,963		(NA)
September .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	p1,127		
October .....									
November .....									
December .....									

NA=not available; p=preliminary; r=revised; e=estimated.

\*Indicates series shown in charts. (See pages 7 and 8.)

## Advance Indicators of Defense Activity--Continued

Year and month	653. Average weekly overtime hours, production workers, defense products industries, BLS			654. Accession rate, defense products industries, BLS			655. Layoff rate, defense products industries, BLS		
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*
	(Hours)	(Hours)	(Hours)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)
1974									
January .....	2.9	3.0	3.1	2.1	2.2	2.2	0.6	0.4	0.5
February .....	2.7	2.8	3.0	1.8	2.1	2.1	0.6	0.5	0.5
March .....	2.8	2.9	2.8	1.9	2.1	2.2	0.6	0.4	0.4
April .....	2.1	2.4	2.8	2.1	2.3	2.2	0.6	0.5	0.5
May .....	2.8	3.1	2.8	2.2	2.2	2.2	0.5	0.6	0.5
June .....	3.0	3.0	2.9	2.8	2.1	2.2	0.5	0.6	0.5
July .....	2.7	3.0	3.0	2.6	2.3	2.2	0.4	0.5	0.6
August .....	2.8	2.8	2.8	2.6	2.2	2.2	0.5	0.6	0.6
September .....	2.9	2.6	2.8	2.6	2.2	2.1	0.5	0.6	0.6
October .....	2.8	2.7	2.7	2.1	1.9	2.0	0.7	0.7	0.6
November .....	2.9	2.6	2.6	1.3	1.6	1.8	0.8	0.7	0.7
December .....	3.0	2.6	2.6	0.9	1.7	1.7	0.8	0.8	0.8
1975									
January .....	2.4	2.5	2.6	1.4	1.6	1.6	1.2	1.1	1.0
February .....	2.4	2.5	2.5	1.3	1.6	1.6	1.3	1.2	1.2
March .....	2.3	2.5	2.5	1.3	1.6	1.7	2.1	1.9	1.4
April .....	2.1	2.4	2.4	1.9	2.1	1.6	1.4	1.3	1.4
May .....	2.0	2.3	2.4	1.3	1.3	1.5	1.3	1.3	1.5
June .....	2.5	2.4	2.4	1.7	1.0	1.4	1.3	1.4	1.2
July .....	2.2	2.5	2.4	1.6	1.3	1.2	0.8	1.0	1.2
August .....	2.6	2.6	2.5	1.6	1.2	1.2	1.2	1.3	1.2
September .....	2.8	2.5	2.6	1.7	1.3	1.2	1.0	1.2	1.2
October .....	2.7	2.6	2.6	1.4	1.2	1.2	1.0	1.1	1.1
November .....	2.7	2.5	2.5	1.0	1.3	1.4	0.8	0.7	0.9
December .....	2.9	2.5	2.6	0.8	1.6	1.4	0.6	0.6	0.8
1976									
January .....	2.5	2.6	2.6	1.3	1.4	1.5	1.1	1.0	0.8
February .....	2.5	2.6	2.6	1.3	1.6	1.6	0.8	0.7	0.8
March .....	2.4	2.5	2.4	1.5	1.7	1.5	0.8	0.7	0.7
April .....	1.7	2.0	2.4	1.2	1.4	1.6	0.6	0.5	0.6
May .....	2.3	2.6	2.4	1.6	1.6	1.6	0.6	0.6	0.6
June .....	2.5	2.5	2.4	2.1	1.5	1.4	0.6	0.7	0.6
July .....	2.4	2.7	p2.6	1.6	1.3	(NA)	0.7	0.8	(NA)
August .....	p2.5	p2.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
September .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
October .....									
November .....									
December .....									

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 8.)

# defense indicators

TABLE

3

## Intermediate and Final Indicators of Defense Activity

Year and month	657. Output of defense and space equipment, FRB, seasonally adjusted*	659. Manufacturers' inventories, defense products, Census, seasonally adjusted*	661. Manufacturers' unfilled orders, defense products, Census, seasonally adjusted*	664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries, Census, seasonally adjusted*	666. Defense Department progress payments outstanding, DOD, not seasonally adjusted*	670. Employment in defense products industries, total, BLS	
	(Index: 1967=100)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	Not seasonally adjusted	Seasonally adjusted*
1974	Revised <sup>1</sup>						
January .....	81.9	5,679	21,372	...	...	1,181	1,177
February .....	81.6	5,837	21,827	...	...	1,176	1,176
March .....	81.8	5,966	21,678	17,378	7,781	1,175	1,180
April .....	81.1	5,978	21,622	...	...	1,174	1,181
May .....	82.7	6,119	22,107	...	...	1,170	1,179
June .....	82.1	6,201	22,261	16,847	8,104	1,175	1,179
July .....	82.6	6,303	22,208	...	...	1,176	1,184
August .....	83.0	6,431	23,941	...	...	1,140	1,147
September .....	83.2	6,377	23,979	19,002	8,531	1,185	1,181
October .....	83.7	6,463	23,715	...	...	1,196	1,188
November .....	83.2	6,477	24,530	...	...	1,196	1,183
December .....	82.4	6,543	24,612	20,662	9,166	1,184	1,171
1975							
January .....	82.1	6,503	24,603	...	...	1,178	1,175
February .....	79.9	6,714	24,998	...	...	1,141	1,141
March .....	79.7	6,867	24,986	20,907	9,609	1,137	1,142
April .....	80.2	6,978	24,883	...	...	1,121	1,128
May .....	80.9	7,110	24,875	...	...	1,131	1,140
June .....	81.6	7,367	25,118	21,230	10,464	1,123	1,127
July .....	81.0	7,455	25,368	...	...	1,110	1,117
August .....	80.6	7,575	25,685	...	...	1,100	1,108
September .....	81.2	7,687	26,011	20,906	11,008	1,104	1,100
October .....	78.5	7,730	25,552	...	...	1,097	1,090
November .....	77.3	7,824	25,566	...	...	1,089	1,077
December .....	77.7	7,806	25,403	21,776	11,257	1,088	1,075
1976							
January .....	78.0	7,642	24,942	...	...	1,084	1,081
February .....	77.6	7,845	24,827	...	...	1,075	1,076
March .....	77.4	8,082	25,574	r22,596	9,848	1,071	1,077
April .....	77.3	8,165	25,805	...	...	1,066	1,072
May .....	78.2	8,272	25,831	...	...	1,061	1,070
June .....	78.3	8,473	26,620	p22,537	12,041	1,060	1,064
July .....	r78.0	8,554	25,896	...	...	r1,043	r1,050
August .....	r79.0	8,594	r26,043	...	...	r1,052	r1,059
September .....	p79.1	(NA)	p25,339	(NA)	(NA)	p1,060	p1,057
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See pages 9 and 10.)

<sup>1</sup> See "New Features and Changes for This Issue," page 3.

TABLE

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## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	671. Employment in defense products industries, production workers, BLS		673. Index of aggregate weekly hours, defense products industries, BLS		675. Index of aggregate weekly payrolls, production workers, defense products industries, BLS	
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*
	(Thous.)	(Thous.)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1974						
January .....	627	623	69.8	69.8	96.7	96.5
February .....	623	622	69.6	69.6	96.5	96.3
March .....	621	624	69.7	69.9	97.0	97.2
April .....	620	624	68.7	69.4	94.1	95.9
May .....	615	622	69.4	69.8	97.6	98.7
June .....	616	620	69.3	69.5	96.9	98.0
July .....	612	618	68.7	69.8	94.9	98.5
August .....	576	584	66.3	67.0	89.6	91.9
September .....	621	619	69.7	69.3	99.8	99.0
October .....	632	627	70.4	70.0	103.2	102.0
November .....	634	624	70.7	69.5	105.3	102.2
December .....	623	611	70.5	69.1	106.3	101.2
1975						
January .....	618	615	69.2	69.2	102.8	102.6
February .....	589	589	67.0	67.0	98.6	98.4
March .....	585	588	66.8	67.0	99.1	99.4
April .....	570	574	66.1	66.8	97.6	99.5
May .....	581	588	66.5	66.8	100.2	101.3
June .....	573	577	66.4	66.6	101.2	102.3
July .....	564	570	65.0	66.1	97.9	101.7
August .....	555	563	64.9	65.6	98.3	101.0
September .....	558	556	65.5	65.1	102.0	101.2
October .....	554	549	64.9	64.5	101.5	100.4
November .....	549	540	64.6	63.5	101.8	98.7
December .....	549	538	65.0	63.8	104.9	99.8
1976						
January .....	545	542	64.1	64.1	101.3	101.1
February .....	540	540	63.5	63.5	100.7	100.4
March .....	537	539	63.3	63.6	100.8	101.1
April .....	533	537	62.0	62.7	96.1	98.1
May .....	530	536	62.6	63.0	99.2	100.2
June .....	529	533	62.6	62.8	99.4	100.5
July .....	r510	516	61.2	62.2	r96.0	r97.7
August .....	r521	r529	p61.9	p62.6	p98.8	p101.6
September .....	p531	p530	(NA)	(NA)	(NA)	(NA)
October .....						
November .....						
December .....						

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 10.)



# defense indicators

TABLE

3

## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	Defense Department personnel, DOD		Defense Department net outlays, DOD				
	677. Military, active duty, not seasonally adjusted*	678. Civilian, direct hire employment, not seasonally adjusted*	680. Total, military functions and military assistance			681. Operations	
			Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted
	(Thous.)	(Thous.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January .....	2,199	1,034	6,728	6,538	6,524	4,376	4,333
February .....	2,195	1,039	6,384	6,717	6,527	4,137	4,313
March .....	2,187	1,042	6,702	6,536	6,537	4,398	4,364
April .....	2,174	1,046	6,685	6,458	6,648	4,367	4,221
May .....	2,156	1,053	7,204	6,745	6,712	4,718	4,536
June .....	2,162	1,070	7,872	6,894	6,801	4,835	4,296
July .....	2,162	1,074	5,979	6,921	6,956	4,628	4,917
August .....	2,153	1,064	6,897	7,254	7,068	4,804	4,957
September .....	2,157	1,049	6,948	7,463	7,218	4,575	4,828
October .....	2,156	1,046	7,271	7,130	7,328	4,817	4,853
November .....	2,154	1,046	7,473	7,648	7,302	4,912	5,042
December .....	2,140	1,043	7,451	7,549	7,358	4,742	4,843
1975							
January .....	2,145	1,038	7,051	6,766	7,312	4,775	4,605
February .....	2,146	1,036	7,258	7,590	7,284	4,727	4,907
March .....	2,137	1,034	7,244	7,190	7,258	4,736	4,778
April .....	2,127	1,034	7,190	6,958	7,056	4,960	4,744
May .....	2,124	1,035	7,780	7,494	7,308	4,909	4,963
June .....	2,128	1,042	7,476	6,336	7,475	4,954	4,395
July .....	2,129	1,052	7,124	8,278	7,423	4,918	5,154
August .....	2,111	1,038	7,961	8,594	7,552	5,081	5,242
September .....	2,105	1,030	6,631	6,880	7,566	4,810	5,082
October .....	2,097	1,031	7,913	7,732	7,788	5,260	5,213
November .....	2,099	1,029	7,203	7,574	7,515	4,997	5,131
December .....	2,084	1,028	7,695	7,672	7,251	5,078	5,068
1976							
January .....	2,092	1,023	6,649	6,636	7,326	4,887	4,892
February .....	2,093	1,019	6,962	7,011	7,322	4,848	4,825
March .....	2,090	1,016	7,642	7,334	7,259	5,026	4,966
April .....	2,087	1,011	7,872	7,703	7,068	5,297	5,193
May .....	2,081	1,010	7,042	7,200	7,406	4,889	5,035
June .....	2,082	1,010	7,843	6,525	7,486	5,170	4,687
July .....	2,087	1,014	7,433	8,663	7,562	5,050	5,260
August .....	p2,085	1,006	r7,163	r7,493		r5,059	r5,100
September .....	(NA)	(NA)	p7,508	p7,788		p5,429	p5,551
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See pages 10 and 11.)

TABLE

3

## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	Defense Department net outlays, DOD--Continued			683. Budget outlays for the national defense function, Treasury		685. Defense Department personnel compensation, DOD	
	682. Procurement			Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted*
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*				
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January .....	1,270	1,262	1,300	6,569	6,613	2,879	2,738
February .....	1,195	1,276	1,289	6,835	6,617	2,651	2,702
March .....	1,313	1,241	1,268	6,579	6,640	2,700	2,687
April .....	1,382	1,355	1,254	6,567	6,733	2,750	2,739
May .....	1,292	1,227	1,179	6,874	6,768	2,817	2,745
June .....	1,346	1,165	1,204	6,973	6,831	2,710	2,782
July .....	801	810	1,221	6,783	6,962	2,835	2,793
August .....	1,348	1,425	1,224	7,212	7,112	2,814	2,837
September .....	1,251	1,343	1,270	7,362	7,254	2,741	2,823
October .....	1,455	1,377	1,338	7,467	7,393	2,869	2,864
November .....	1,372	1,501	1,440	7,727	7,436	2,827	2,864
December .....	1,439	1,569	1,444	7,809	7,550	2,874	2,924
1975							
January .....	1,427	1,428	1,460	7,039	7,554	2,913	2,762
February .....	1,351	1,444	1,429	7,896	7,526	2,808	2,862
March .....	1,500	1,440	1,414	7,385	7,536	2,812	2,799
April .....	1,220	1,194	1,354	7,297	7,342	2,867	2,836
May .....	1,467	1,406	1,328	7,788	7,564	2,870	2,850
June .....	1,409	1,215	1,360	6,649	7,747	2,823	2,869
July .....	1,225	1,268	1,322	8,367	7,706	2,941	2,895
August .....	1,559	1,634	1,361	8,996	7,818	2,873	2,923
September .....	1,191	1,217	1,330	7,140	7,836	2,936	2,999
October .....	1,500	1,425	1,365	7,971	8,079	3,008	2,999
November .....	1,081	1,220	1,384	7,896	7,830	2,866	2,927
December .....	1,319	1,427	1,328	8,103	7,352	2,916	2,925
1976							
January .....	1,363	1,384	1,305	6,874	7,411	3,018	2,916
February .....	1,227	1,293	1,382	6,126	7,380	2,820	2,792
March .....	1,195	1,082	1,361	7,497	7,286	2,887	2,833
April .....	1,792	1,884	1,330	7,784	7,068	2,845	2,933
May .....	1,092	1,095	1,321	7,334	7,376	2,851	2,874
June .....	1,418	1,244	1,281	6,795	7,589	3,007	3,019
July .....	1,347	1,326	p1,337	8,717	7,656	r2,963	r2,957
August .....	1,063	1,055		7,409		p2,957	p2,966
September .....	p1,353	p1,420		7,896		(NA)	(NA)
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised;

e=estimated.

\*Indicates series shown in charts. (See page 11.)

# defense indicators

TABLE

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## Intermediate and Final Indicators of Defense Activity--Continued

Year and month	688. Manufacturers' shipments, defense products, Census		689. Manufacturers' shipments to the U.S. Government, aerospace industries, Census, seasonally adjusted*	691. Ratio, manufacturers' unfilled orders to shipments, defense products, Census		693. Ratio, manufacturers' inventories to shipments, defense products, Census	
	Seasonally adjusted*	Moving average of seasonally adjusted data—5-month*		Seasonally adjusted*	Moving average of seasonally adjusted data—5-month*	Seasonally adjusted*	Moving average of seasonally adjusted data—5-month*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Ratio)	(Ratio)	(Ratio)	(Ratio)
1974							
January .....	1,552	1,564	...	13.8	13.6	3.7	3.7
February .....	1,610	1,573	3,696	13.6	13.6	3.6	3.7
March .....	1,612	1,591	...	13.4	13.7	3.7	3.7
April .....	1,586	1,600	...	13.6	13.7	3.8	3.8
May .....	1,594	1,564	3,780	13.9	14.1	3.8	3.9
June .....	1,596	1,541	...	13.9	14.6	3.9	4.0
July .....	1,431	1,551	...	15.5	14.8	4.4	4.1
August .....	1,497	1,565	3,834	16.0	14.9	4.3	4.1
September .....	1,638	1,553	...	14.6	15.3	3.9	4.1
October .....	1,663	1,584	...	14.3	15.3	3.9	4.1
November .....	1,536	1,613	3,888	16.0	15.1	4.2	4.0
December .....	1,585	1,636	...	15.5	15.0	4.1	4.0
1975							
January .....	1,644	1,646	...	15.0	15.1	4.0	4.0
February .....	1,753	1,688	4,105	14.3	14.7	3.8	4.0
March .....	1,714	1,704	...	14.6	14.6	4.0	4.0
April .....	1,742	1,709	...	14.3	14.6	4.0	4.1
May .....	1,668	1,671	4,104	14.9	15.0	4.3	4.3
June .....	1,666	1,675	...	15.1	15.1	4.4	4.4
July .....	1,567	1,660	...	16.2	15.3	4.8	4.5
August .....	1,732	1,699	4,847	14.8	15.1	4.4	4.5
September .....	1,665	1,713	...	15.6	15.0	4.6	4.5
October .....	1,866	1,732	...	13.7	14.8	4.1	4.5
November .....	1,736	1,756	4,283	14.7	14.6	4.5	4.4
December .....	1,661	1,803	...	15.3	14.1	4.7	4.3
1976							
January .....	1,852	1,807	...	13.5	14.0	4.1	4.3
February .....	1,899	1,832	r4,555	13.1	13.9	4.1	4.3
March .....	1,885	1,884	...	13.6	13.5	4.3	4.2
April .....	1,862	1,860	...	13.9	13.9	4.4	4.4
May .....	1,923	1,823	p5,042	13.4	14.3	4.3	4.6
June .....	1,730	r1,809	...	15.4	r14.4	4.9	4.7
July .....	1,714	p1,802	...	15.1	p14.4	5.0	(NA)
August .....	r1,815		(NA)	r14.3		4.7	
September .....	p1,830			p13.8		(NA)	
October .....							
November .....							
December .....							

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 12.)

## Defense-Related Balance of Payments Components

Year and month	546. Transfers under U.S. military agency sales contracts (exports), BEA <sup>1</sup>		547. Direct defense expenditures (imports), BEA, not seasonally adjusted*	696. U.S. Government cash receipts associated with military sales contracts, BEA <sup>2</sup>	
	Not seasonally adjusted	Seasonally adjusted*		Not seasonally adjusted	Seasonally adjusted*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974					
January .....	...	...	...	...	...
February .....	644	638	1,153	497	538
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	738	683	1,298	642	674
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	720	781	1,265	995	989
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	850	850	1,319	808	741
December .....	...	...	...	...	...
1975					
January .....	...	...	...	...	...
February .....	931	915	1,317	1,050	1,094
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	865	807	1,185	1,013	1,047
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	906	978	1,093	1,148	1,135
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	1,195	1,197	1,185	1,380	1,315
December .....	...	...	...	...	...
1976					
January .....	...	...	...	...	...
February .....	1,162	1,145	1,150	2,250	2,294
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	p1,145	p1,074	p1,087	p1,858	p1,895
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	(NA)	(NA)	(NA)	(NA)	(NA)
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	...	...	...	...	...
December .....	...	...	...	...	...

NA=not available; p=preliminary; r=revised; e=estimated. \*Indicates series shown in charts. (See page 13.)

<sup>1</sup>Includes deliveries for which Israel has been released from its contractual liability to pay. <sup>2</sup>Excludes funds made available to release Israel from its contractual liability to pay for defense articles and services purchased through military sales contracts. Quarterly expenditures for such purpose under Public Law 93-199 and subsequent legislation amounted to (in millions): 1974, IIQ, \$623; IIIQ, \$223; IVQ, \$91; 1975, IQ, \$187; IIQ, \$124; IIIQ, \$83; IVQ, \$242; 1976, IQ, \$107; IIQ, \$9.

# Appendix A. SEASONAL ADJUSTMENT FACTORS

Series title	1976											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>MONTHLY SERIES</b>												
Defense Department gross obligations incurred:												
617. Total <sup>1</sup> .....	106.4	90.5	93.2	95.0	77.8	133.3	118.2	108.7	94.4	103.1	92.9	90.3
619. Operations <sup>1</sup> .....	104.9	91.2	93.3	102.8	89.1	117.6	118.5	100.9	96.6	106.2	90.5	91.1
621. Procurement <sup>1</sup> .....	128.5	103.3	89.1	68.6	64.9	166.7	79.3	93.7	98.0	111.4	100.9	95.6
623. Gross obligations incurred outside the Federal Government for national defense <sup>1</sup> .....	108.1	86.7	95.2	94.2	82.5	119.9	115.7	107.5	97.2	105.2	95.6	97.0
625. Defense Department military prime contract awards for work performed in the United States. ....	96.5	84.5	84.9	72.5	71.9	179.3	116.0	108.3	100.1	105.5	88.5	91.7
Defense Department gross unpaid obligations outstanding: <sup>2</sup>												
643. Total. ....	103.2	101.0	97.9	95.5	91.9	95.6	99.0	103.0	103.1	104.7	103.3	101.6
644. Operations. ....	105.4	99.0	92.8	93.1	87.0	89.5	101.1	106.3	105.6	112.7	105.7	101.3
645. Procurement. ....	102.4	103.0	102.0	99.8	96.9	100.1	97.7	98.3	98.7	99.3	100.7	100.8
648. Manufacturers' new orders, defense products <sup>3</sup> .....	98.7	92.1	92.2	88.8	67.6	94.9	162.3	86.9	114.6	108.2	86.1	107.7
653. Average weekly overtime hours, production workers, defense products industries <sup>4</sup> .....	-1.1	-1.1	-1.1	-1.3	-1.3	.0	-1.3	.0	.3	.1	.3	.4
654. Accession rate, defense products industries <sup>4</sup> .....	-1.1	-1.3	-1.2	-1.2	.0	.6	.3	.4	.2	-1.3	-1.8	
655. Layoff rate, defense products industries <sup>4</sup> .....	.1	.1	.1	.1	.0	-1.1	-1.1	-1.1	-1.2	.0	.1	.0
657. Output of defense and space equipment <sup>3</sup> .....	100.3	100.3	100.4	99.1	99.6	100.6	98.3	98.5	99.3	99.9	101.0	102.3
659. Manufacturers' inventories, defense products <sup>3</sup> .....	99.7	99.7	100.1	100.6	100.1	99.7	100.1	99.2	99.8	100.6	100.6	99.4
661. Manufacturers' unfilled orders, defense products <sup>3</sup> .....	101.0	100.5	100.0	99.3	97.2	96.5	101.1	100.1	101.0	101.5	100.4	100.4
Employment in defense products industries:												
670. Total. ....	100.3	99.9	99.5	99.4	99.2	99.6	99.3	99.3	100.3	100.6	101.1	101.2
671. Production workers. ....	100.6	100.0	99.5	99.3	98.8	99.3	99.0	98.5	100.3	100.8	101.7	102.0
673. Index of aggregate weekly hours, defense products industries. ....	100.0	100.0	99.6	98.9	99.4	99.7	98.4	98.9	100.6	100.6	101.7	102.0
675. Index of aggregate weekly payrolls, production workers, defense products industries. ....	100.2	100.3	99.7	98.0	99.0	98.9	96.3	97.2	100.8	101.2	103.0	105.1
Defense Department net outlays:												
680. Total, military functions and military assistance <sup>1</sup> .....	100.2	99.3	104.2	102.2	97.8	120.2	85.8	95.6	96.4	98.4	100.1	104.6
681. Operations <sup>1</sup> .....	99.9	100.5	101.2	102.0	97.1	110.3	96.0	99.2	97.8	98.7	99.4	101.8
682. Procurement <sup>1</sup> .....	98.5	94.9	110.4	95.1	99.7	114.0	101.6	100.8	95.3	102.6	92.9	98.0
683. Budget outlays for the national defense function <sup>1</sup> .....	100.6	99.9	103.4	102.7	97.3	119.7	85.6	98.1	97.0	98.2	101.0	98.5
685. Defense Department personnel compensation <sup>1</sup> .....	103.5	101.0	101.9	100.4	99.2	99.6	100.2	99.7	98.9	99.1	99.7	99.7
688. Manufacturers' shipments, defense products <sup>3</sup> .....	88.3	96.6	99.4	99.4	99.4	105.4	98.4	99.2	103.5	98.8	102.6	107.8
<b>QUARTERLY SERIES</b>												
	IQ			IIQ			IIIQ			IVQ		
200. Gross national product <sup>3</sup> .....	95.9			100.5			98.5			104.7		
264. Fed. Govt. purchases of goods and services, national defense <sup>3</sup> ..	101.5			101.7			95.0			102.0		
546. Transfers under U.S. military agency sales contracts—exports <sup>3</sup> ..	16			58			-72			-2		
Defense Department military prime contract awards:												
626. Aircraft. ....	98.6			102.7			105.8			92.6		
627. Missile and space systems. ....	83.9			73.5			138.3			104.5		
629. Weapons and ammunition. ....	95.3			150.6			41.5			112.3		
630. Electronic and communications equipment. ....	93.6			124.9			86.6			95.2		
631. Combat vehicles. ....	56.8			146.2			113.0			83.0		
632. Other hard goods. ....	90.8			149.2			74.9			84.9		
633. Soft goods. ....	82.8			74.9			150.3			91.9		
634. Construction. ....	76.6			196.8			63.2			63.0		
635. Services. ....	65.7			104.9			124.5			104.6		
636. Under \$10,000. ....	99.3			123.2			83.6			93.8		
637. Educational and nonprofit institutions. ....	80.2			75.3			142.6			103.9		
640. Outside U.S. ....	76.4			89.6			162.2			71.3		
Aerospace industries:												
650. Manufacturers' new orders from the U.S. Government. ....	88.5			87.0			123.4			100.8		
664. Manufacturers' unfilled orders from the U.S. Government. ....	100.2			96.7			101.2			101.8		
689. Manufacturers' shipments to the U.S. Government. ....	94.8			100.9			100.6			103.8		
696. U.S. Govt. cash receipts associated with military sales contracts <sup>5</sup>	-44			-34			13			65		

NOTE: The seasonal adjustment factors presented in this table were computed using the techniques described in the Bureau of the Census Technical Paper No. 15, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*.

Monthly data for Defense Department military prime contract awards by commodity category (series 626 to 640) have not been adjusted for seasonal variation. The series on direct defense expenditures—imports (series 547), Defense Department progress payments outstanding (series 666), and Defense Department personnel (series 677 and 678) contain no measurable seasonal variation.

<sup>1</sup> Factors are products of seasonal and trading-day factors.

<sup>2</sup> Prior to 1972, data for gross unpaid obligations outstanding are not available for a number

of months but these gaps were filled with averages of preceding and following months for purposes of estimating seasonal variation.

<sup>3</sup> These series have been adjusted by the source agencies. The factors shown here are implicit seasonal factors for the calendar year 1975 and are derived by dividing the seasonally unadjusted data by the seasonally adjusted data.

<sup>4</sup> These series have been seasonally adjusted using the additive version of the seasonal adjustment program. Seasonally adjusted data are derived by subtracting the adjustment factor from the unadjusted data. Seasonally adjusted data for other series are derived by dividing the seasonal factors into the unadjusted data.

<sup>5</sup> This series is the total of component series which have been adjusted separately by the source agency. The factors shown here are implicit seasonal factors for the calendar year 1975 and are derived by subtracting the seasonally adjusted data from the seasonally unadjusted data.



# Appendix B. AVERAGE CHANGES AND RELATED MEASURES OF VARIABILITY

## Part 1. Monthly Series

Series title	Period covered	$\bar{O}$	$\bar{CI}$	$\bar{T}$	$\bar{C}$	$\bar{T/C}$	MCD	Average duration of run (ADR)	
								CI	MCD
Defense Department gross obligations incurred:									
617. Total . . . . .	Jan. '57-Jan. '76 . . .	18.28	6.98	6.89	0.72	9.53	6	1.53	2.30
619. Operations . . . . .	July '59-Jan. '76 . . .	8.98	2.77	2.66	.65	4.09	4	1.69	3.00
621. Procurement . . . . .	Jan. '57-Jan. '76 . . .	44.28	22.39	22.27	1.54	14.44	6	1.46	2.08
623. Gross obligations incurred outside the Federal Government for national defense . . . . .	July '63-Sept. '75 . . .	14.17	7.92	7.82	.73	10.72	6	1.52	2.61
625. Defense Department military prime contract awards for work performed in the United States, total . . . . .	Jan. '57-Jan. '76 . . .	32.78	15.55	15.41	1.35	11.42	6	1.42	2.05
Defense Department gross unpaid obligations outstanding:									
643. Total . . . . .	Jan. '57-Jan. '76 . . .	2.13	1.32	.95	.88	1.08	2	2.65	3.98
644. Operations . . . . .	Jan. '67-Jan. '76 . . .	5.59	2.68	2.37	1.13	2.10	3	1.96	5.05
645. Procurement . . . . .	Jan. '67-Jan. '76 . . .	2.19	1.52	1.07	.94	1.14	2	2.08	4.12
Manufacturers' new orders:									
647. Defense products industries . . . . .	Jan. '57-Mar. '72 . . .	(NA)	15.11	14.89	.97	15.32	6	1.58	2.33
648. Defense products . . . . .	Feb. '68-Jan. '76 . . .	(NA)	21.50	21.43	1.47	14.59	6	1.56	1.80
*653. Average weekly overtime hours, production workers, defense products industries (hours) . . . . .	Jan. '58-Jan. '76 . . .	.22	.11	.11	.03	3.14	4	2.50	3.70
*654. Accession rate, defense products industries (per 100 employees) . . . . .	Jan. '58-Jan. '76 . . .	.38	.16	.15	.05	3.12	4	2.16	4.18
*655. Layoff rate, defense products industries (per 100 employees) . . . . .	Jan. '58-Jan. '76 . . .	.17	.14	.13	.04	3.14	4	1.93	4.18
657. Output of defense and space equipment . . . . .	Jan. '57-Jan. '76 . . .	(NA)	.96	.50	.75	.67	1	3.40	3.40
Manufacturers' inventories:									
658. Defense products industries . . . . .	Jan. '57-Mar. '72 . . .	(NA)	1.04	.52	.85	.62	1	2.80	2.80
659. Defense products . . . . .	Jan. '68-Jan. '76 . . .	(NA)	1.75	1.13	1.29	.88	1	3.10	3.10
Manufacturers' unfilled orders:									
660. Defense products industries . . . . .	Jan. '57-Mar. '72 . . .	(NA)	1.23	.90	.83	1.09	2	2.76	3.42
661. Defense products . . . . .	Jan. '68-Jan. '76 . . .	(NA)	1.51	1.18	.93	1.27	2	2.04	4.13
Employment in defense products industries:									
670. Total . . . . .	Jan. '58-Jan. '76 . . .	.76	.70	.29	.59	.50	1	4.91	4.91
671. Production workers . . . . .	Jan. '58-Jan. '76 . . .	1.08	.93	.51	.70	.73	1	3.72	3.72
673. Index of aggregate weekly hours, defense products industries . . . . .	Jan. '58-Jan. '76 . . .	.95	.76	.39	.60	.65	1	4.00	4.00
675. Index of aggregate weekly payrolls, production workers, defense products industries . . . . .	Jan. '58-Jan. '76 . . .	1.72	1.14	.75	.78	.96	1	2.92	2.92
Defense Department personnel:									
677. Military, active duty <sup>(U)</sup> . . . . .	Jan. '57-Jan. '76 . . .	.62	(NA)	.27	.55	.48	1	3.86	3.86
678. Civilian, direct hire employment <sup>(U)</sup> . . . . .	Jan. '57-Jan. '76 . . .	.55	(NA)	.34	.42	.81	1	4.30	4.30
Defense Department net outlays:									
680. Total, military functions and military assistance . . . . .	Jan. '57-Jan. '76 . . .	8.89	4.31	4.19	.77	5.42	6	1.70	3.10
681. Operations . . . . .	July '59-Jan. '76 . . .	7.07	3.62	3.41	.73	4.69	5	1.58	2.34
682. Procurement . . . . .	Jan. '57-Jan. '76 . . .	15.10	11.77	11.65	1.59	7.32	6	1.57	2.90
683. Budget outlays for the national defense function . . . . .	Jan. '57-Jan. '76 . . .	8.87	4.27	4.18	.73	5.73	6	1.58	2.97
685. Defense Department personnel compensation . . . . .	Jan. '67-Jan. '76 . . .	2.70	1.33	1.13	.49	2.32	4	2.57	4.38
Manufacturers' shipments:									
687. Defense products industries . . . . .	Jan. '57-Mar. '72 . . .	(NA)	2.67	2.49	.87	2.85	3	1.64	3.40
688. Defense products . . . . .	Jan. '68-Jan. '76 . . .	(NA)	4.40	4.34	.98	4.41	5	1.57	2.71
Ratio, manufacturers' unfilled orders to shipments:									
690. Defense products industries . . . . .	Jan. '57-Mar. '72 . . .	(NA)	2.95	2.71	.96	2.82	4	1.90	3.81
691. Defense products . . . . .	Jan. '68-Jan. '76 . . .	(NA)	4.93	4.81	1.01	4.77	5	1.69	2.85
Ratio, manufacturers' inventories to shipments:									
692. Defense products industries . . . . .	Jan. '57-Mar. '72 . . .	(NA)	2.84	2.90	.72	4.01	5	2.46	5.74
693. Defense products . . . . .	Jan. '68-Jan. '76 . . .	(NA)	5.29	5.18	1.13	4.57	5	1.96	3.07

NA = not available.

\*Measures for these series are based on actual changes rather than percent changes (see definition below). <sup>(U)</sup> indicates measures are based on unadjusted data.

### BRIEF DEFINITIONS OF MEASURES SHOWN IN PART 1

The measures in this appendix provide a historical perspective for interpreting current changes in each series. They are derived using the Census X-11 seasonal adjustment program. Brief definitions of the measures are given below; more complete definitions appear in *Electronic Computers and Business Indicators* by Julius Shiskin, issued as Occasional Paper 57 by the National Bureau of Economic Research, 1957 (reprinted from *Journal of Business*, October 1957).

" $\bar{O}$ " is the average month-to-month percent change, without regard to sign, in the original unadjusted series. (See final paragraph below for exceptions to these definitions.)

" $\bar{CI}$ " is the same for the seasonally adjusted series.

" $\bar{C}$ " is the same for the short-term trend, which is a smooth, flexible moving average of the seasonally adjusted series.

" $\bar{T}$ " is the same for the irregular component, which is obtained by dividing the seasonally adjusted series by the short-term trend.

" $\bar{T/C}$ " measures the relative smoothness (small values) or irregularity (large values) of the seasonally adjusted series. It is the ratio of the average monthly percent change (without regard to sign) in the irregular component to the average monthly percent change (without regard to sign) in the short-term trend.

"MCD" (months for cyclical dominance) estimates the number of months required for the short-term trend to dominate the irregular component. Average percent changes are computed for spans of from 1 to 12 months for both the irregular component and the short-term trend. MCD is the shortest span of months for which the average percent change (without regard to sign) in the short-term trend is greater than that in the irregular component. All MCD's greater than "5" are shown as "6".

## Appendix B. AVERAGE CHANGES AND RELATED MEASURES OF VARIABILITY—Continued

"Average Duration of Run" (ADR) is another measure of smoothness and is equal to the average number of consecutive monthly changes in the same direction in any series of observations. When there is no change between two observations, a change in the same direction as the preceding change is assumed. The ADR is shown for the seasonally adjusted series (CI) and the MCD curve, which is a moving average (with the number of terms equal to MCD) of the seasonally adjusted series. A comparison of these measures with the expected ADR of a random series indicates whether the changes approximate those of a random series. In a random series, the expected ADR is 1.5 and the actual values fall between 1.36 and 1.75 about 95 percent of the time. For a moving average of a random series, the expected ADR is 2.

Measures for series identified with an asterisk (\*) are computed by an additive method. This method is used for series with zero or negative data, series which could approach zero, and series expressed in percent. In this method, the measures are defined the same as above except for two differences: (1) the measures are based on actual month-to-month changes (rather than percent changes) and (2) the irregular component is obtained by subtracting the short-term trend from the seasonally adjusted series. The average changes shown above for the components of such a series are in the same unit of measure as the series itself. The unit is indicated in the series title.

### Part 2. Quarterly Series

Series title	Period covered	$\bar{O}$	$\bar{CI}$	$\bar{T}$	$\bar{C}$	$\bar{T/C}$	QCD	Average duration of run (ADR)	
								CI	QCD
200. Gross national product . . . . .	IQ '57-IVQ '75 . . . .	(NA)	1.84	0.35	1.76	0.20	1	8.33	8.33
264. Federal Government purchases of goods and services, national defense . .	IQ '57-IVQ '75 . . . .	(NA)	1.95	.79	1.70	.46	1	3.26	3.26
*546. Transfers under U.S. military agency sales contracts—exports (mil. dol.) . .	IQ '60-IVQ '75 . . . .	79.21	65.13	48.28	34.19	1.41	2	1.70	2.30
*547. Direct defense expenditures—imports (mil. dol.) <sup>Ⓢ</sup> . . . . .	IQ '60-IVQ '75 . . . .	42.32	(NA)	36.13	24.65	1.47	2	1.66	2.82
*613. National defense purchases as a percent of GNP (percent) . . . . .	IQ '57-IVQ '75 . . . .	(NA)	.16	.07	.15	.46	1	5.36	5.36
650. Manufacturers' new orders from the U.S. Government, aerospace industries . . . . .	IQ '61-IVQ '75 . . . .	24.44	17.96	14.82	5.85	2.53	3	1.44	1.73
664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries . . . . .	IQ '61-IVQ '75 . . . .	4.55	3.91	2.44	2.68	.91	1	2.27	2.27
666. Defense Department progress payments outstanding <sup>Ⓢ</sup> . . . . .	IQ '57-IVQ '75 . . . .	4.80	(NA)	2.06	4.35	.47	1	2.78	2.78
689. Manufacturers' shipments to the U.S. Government, aerospace industries . .	IQ '61-IVQ '75 . . . .	7.04	4.27	3.43	2.11	1.62	2	1.84	2.76
*696. U.S. Government cash receipts associated with military sales contracts (million dollars) . . . . .	IQ '60-IVQ '75 . . . .	107.60	83.62	61.48	45.74	1.34	2	1.57	2.82

NA = not available.

\*Measures for these series are based on actual changes rather than percent changes (see definition below). <sup>Ⓢ</sup> indicates measures are based on unadjusted data.

#### BRIEF DEFINITIONS OF MEASURES SHOWN IN PART 2

These measures are defined the same as those in part 1 except that they are based on quarter-to-quarter percent changes. For example,  $\bar{CI}$  is the average quarter-to-quarter percent change (without regard to sign) in the seasonally adjusted series.

In deriving "QCD" (quarters for cyclical dominance), average percent changes are computed for spans of from one to four quarters for the irregular component and the short-term trend. QCD is the shortest span of quarters for

which the average percent change (without regard to sign) in the short-term trend is greater than that in the irregular component. All QCD's greater than "3" are shown as "4". The "Average Duration of Run" (ADR) measures are also expressed in quarters.

As in part 1, measures for series identified with an asterisk (\*) are computed by an additive method. This method is the same as that used for the monthly series except for the use of quarterly data rather than monthly.

## Appendix C. HISTORICAL DATA

This appendix provides historical data (back to 1945 if available) for selected Defense Indicators series. Data are shown for series which (a) have recently been added to the report, (b) have recently been revised, or (c) have not been shown here for a long time. By keeping these tables, the user can acquire a complete set of historical data. Each time a series is included in this appendix, it is footnoted to indicate the extent of any revisions since it was last shown. See the "Alphabetical Index—Series Finding Guide" for the latest issue in which historical data

were published for each series. Current figures are shown in the basic data tables each month and may be used to update these historical tables.

Official source agency annual figures are shown if available. Such figures may differ slightly from those computed from the monthly or quarterly data appearing in the tables. When both seasonally adjusted and unadjusted data are shown for a series, annual figures are included only for the unadjusted data. Quarterly and annual data are not included for moving averages.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
625. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS FOR WORK PERFORMED IN THE U.S., TOTAL, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1951...	4,004	2,508	2,974	2,878	3,750	7,917	2,946	2,170	1,834	2,295	2,074	3,413	9,486	14,525	6,960	7,782	38,753
1952...	2,505	3,961	3,003	2,067	3,022	12,192	828	524	1,684	1,729	2,000	3,202	9,469	17,271	3,036	6,931	36,707
1953...	3,557	1,675	2,521	2,418	1,995	5,689	1,441	545	810	771	164	408	7,753	10,102	2,936	1,343	22,034
1954...	581	416	909	1,039	1,286	3,038	622	425	2,012	1,817	302	967	1,906	5,363	3,059	3,086	13,434
1955...	962	969	1,191	1,414	807	3,442	726	805	608	934	1,074	3,015	3,122	5,663	2,139	5,023	15,947
1956...	1,232	1,159	1,803	1,025	1,397	4,406	896	1,372	2,137	1,643	1,582	2,593	4,194	6,828	4,405	5,818	21,245
1957...	1,452	1,594	1,871	1,699	637	2,380	1,222	853	1,337	1,361	1,470	2,243	4,917	4,716	3,412	5,074	18,119
1958...	1,714	1,019	2,683	1,628	2,404	4,819	1,150	1,120	2,356	1,679	1,372	2,996	5,416	8,851	4,626	6,047	24,940
1959...	1,328	1,556	2,363	1,728	1,501	4,753	1,644	1,349	1,734	1,827	1,677	1,583	5,247	7,982	4,827	5,087	23,143
1960...	1,524	1,447	2,279	1,395	1,788	4,116	1,592	1,626	2,297	1,310	1,554	2,183	5,250	7,897	5,515	5,047	23,111
1961...	1,697	1,812	2,337	1,867	1,519	4,511	1,483	1,706	2,116	2,524	1,851	2,611	5,846	7,899	5,305	6,986	26,034
1962...	2,898	1,831	2,927	1,935	1,800	4,118	1,448	1,846	2,138	2,870	2,386	1,997	7,656	7,253	5,432	7,253	28,194
1963...	2,235	2,185	2,736	1,760	2,085	4,422	1,788	2,395	2,825	2,142	1,471	2,014	7,156	8,267	7,008	5,627	28,058
1964...	2,220	2,473	2,090	2,214	2,305	3,534	2,198	1,773	2,356	1,941	1,679	1,835	6,783	8,053	6,327	5,455	26,618
1965...	1,975	1,536	2,473	2,556	1,907	4,402	2,089	2,517	2,675	2,684	2,402	2,722	5,984	8,865	7,281	7,808	29,938
1966...	2,766	2,377	2,855	3,042	2,743	6,861	3,735	2,874	3,927	3,221	2,596	3,207	7,978	12,646	10,536	9,024	40,184
1967...	3,135	3,179	2,876	2,675	3,713	6,680	3,407	3,343	4,088	3,456	2,653	3,183	9,190	13,068	10,838	9,292	42,388
1968...	2,685	2,770	2,943	3,090	3,858	5,766	3,811	2,872	4,400	3,852	2,682	3,523	8,398	12,714	11,083	10,057	42,252
1969...	3,021	2,963	2,463	2,280	2,582	4,862	3,012	2,788	3,160	3,271	2,111	2,710	8,447	9,724	8,960	8,092	35,223
1970...	2,527	2,269	2,457	2,070	2,140	5,054	2,828	2,601	2,497	3,852	2,120	3,124	7,253	9,264	7,926	9,096	33,539
1971...	2,215	2,271	2,871	2,187	1,778	4,100	3,208	3,016	3,134	2,715	2,532	3,152	7,357	8,065	9,358	8,399	33,179
1972...	3,210	2,488	2,871	2,167	2,204	5,574	3,415	2,593	2,815	3,008	2,947	2,611	8,580	9,945	8,823	8,616	35,964
1973...	2,578	2,418	2,841	1,854	2,489	5,122	2,357	3,224	3,309	3,198	2,967	2,844	7,837	9,465	8,890	9,109	35,301
1974...	3,084	2,613	2,602	3,127	2,250	6,086	3,924	4,091	3,586	4,165	3,207	2,616	8,299	11,463	11,601	9,988	41,351
1975...	3,567	3,321	2,625	2,914	2,713	6,626	4,376	5,295	3,179	3,174	2,608	2,870	9,513	12,253	12,850	8,652	43,268
1976...																	
625. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS FOR WORK PERFORMED IN THE U.S., TOTAL, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1951...	3,976	3,493	3,001	2,892	3,760	2,759	4,097	4,241	2,333	2,823	3,462	3,399	10,470	9,411	10,671	9,684	
1952...	2,528	3,479	2,959	2,088	3,059	4,292	1,158	1,002	2,116	2,143	3,295	3,148	10,966	9,439	4,276	8,586	
1953...	3,682	2,295	2,381	2,462	2,038	2,042	2,035	1,089	1,004	959	265	390	8,358	6,542	4,128	1,614	
1954...	616	564	826	1,068	1,326	1,116	886	767	2,454	2,271	481	913	2,006	3,510	4,107	3,665	
1955...	1,049	1,306	1,028	1,468	841	1,287	971	1,231	597	1,136	1,310	2,194	3,383	3,596	2,799	4,640	
1956...	1,474	1,388	1,502	1,404	1,782	2,024	1,196	2,108	2,091	1,072	1,934	1,891	4,364	5,210	5,395	5,797	
1957...	1,756	1,927	1,563	2,312	808	1,093	1,619	1,310	1,297	1,594	1,819	1,671	5,246	4,213	4,226	5,084	
1958...	2,103	1,732	2,243	2,142	3,045	2,222	1,511	1,692	2,308	1,880	1,704	2,328	5,578	7,413	5,511	5,912	
1959...	1,625	1,899	1,966	2,204	1,893	2,222	2,192	1,964	1,793	1,937	2,102	1,298	5,489	6,319	5,949	5,337	
1960...	1,850	1,754	1,904	1,726	2,252	1,963	2,151	2,200	2,250	1,527	1,938	1,922	5,308	5,941	6,601	5,187	
1961...	1,989	2,186	1,987	2,274	1,855	2,229	2,143	2,155	2,203	2,494	2,306	2,491	6,162	6,350	6,169	7,293	
1962...	3,271	2,180	2,552	2,295	2,140	2,127	1,888	1,677	2,032	2,814	2,946	2,044	8,003	6,562	6,087	7,804	
1963...	2,429	2,611	2,463	2,023	2,413	2,366	2,216	2,722	2,635	2,119	1,814	2,149	7,503	6,802	7,573	6,082	
1964...	2,372	2,958	1,966	2,502	2,640	1,910	2,580	1,963	2,163	1,967	2,075	1,997	7,296	7,052	6,706	6,039	
1965...	2,097	1,846	2,451	2,843	2,150	2,390	2,313	2,775	2,419	2,790	2,995	2,988	6,394	7,383	7,507	8,773	
1966...	2,952	2,906	2,956	3,461	2,978	3,693	3,940	3,165	3,541	3,383	3,225	3,513	8,814	10,132	10,646	10,121	
1967...	3,364	3,930	3,034	3,026	4,040	3,566	3,545	3,690	3,720	3,626	3,308	3,479	10,328	10,632	10,955	10,413	
1968...	2,887	3,445	3,124	3,488	4,203	3,067	3,937	3,173	3,836	3,903	3,378	3,613	9,456	10,758	10,946	10,894	
1969...	3,398	3,441	2,904	2,825	3,070	2,744	2,896	3,001	2,680	2,987	2,734	2,765	9,745	8,639	8,577	8,486	
1970...	2,855	2,623	2,904	2,591	2,545	2,896	2,717	2,782	2,113	3,464	2,746	3,181	8,382	8,032	7,612	7,391	
1971...	2,508	2,704	3,104	2,928	2,231	2,324	2,916	3,095	2,982	2,806	3,092	3,066	8,316	7,483	8,991	8,784	
1972...	3,520	2,982	3,025	2,985	2,786	3,154	3,074	2,638	2,725	2,946	3,589	2,532	9,527	8,925	8,437	9,067	
1973...	2,824	2,899	2,947	2,568	3,171	2,897	2,106	3,276	3,222	3,176	3,515	2,850	8,670	8,636	8,604	9,541	
1974...	3,378	3,141	2,677	4,343	2,881	3,440	3,494	4,155	3,502	4,161	3,777	2,532	9,196	10,664	11,149	10,470	
1975...	3,693	3,987	2,817	4,122	3,926	3,773	3,842	5,072	3,080	2,861	2,872	3,130	10,497	11,821	11,994	8,963	
1976...																	

NOTE: These series contain no revisions but are reprinted for the convenience of the user. Data prior to July 1955 exclude orders written to other Government agencies.

(OCTOBER 1976)

# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
625. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS FOR WORK PERFORMED IN THE U.S., TOTAL, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA <sup>1</sup> (MILLIONS OF DOLLARS)																	
1951...	...	...	...	3,314	3,334	3,458	...	3,347	3,336	3,286	3,393	3,131	3,337	...	...	...	...
1952...	3,442	3,319	3,252	3,401	3,173	2,426	2,286	2,295	2,334	2,144	2,564	2,780	...	...	...	...	...
1953...	2,824	2,877	2,668	2,483	2,209	2,008	1,778	1,528	1,232	957	721	633	...	...	...	...	...
1954...	603	622	798	919	964	998	1,270	1,470	1,329	1,295	1,323	1,412	...	...	...	...	...
1955...	1,175	1,041	1,101	1,163	1,150	1,138	1,066	1,010	1,089	1,240	1,324	1,350	...	...	...	...	...
1956...	1,501	1,545	1,624	1,596	1,549	1,669	1,768	1,862	1,888	1,865	1,959	1,929	...	...	...	...	...
1957...	1,841	1,897	1,710	1,577	1,554	1,451	1,407	1,287	1,455	1,552	1,632	1,619	...	...	...	...	...
1958...	1,777	1,868	2,072	2,165	2,067	2,143	2,154	2,110	1,887	1,804	1,923	1,957	...	...	...	...	...
1959...	1,900	1,954	1,986	1,968	2,063	2,074	2,045	2,000	2,035	1,881	1,824	1,789	...	...	...	...	...
1960...	1,808	1,772	1,797	1,908	1,958	2,033	2,090	2,024	1,972	1,865	1,838	1,935	...	...	...	...	...
1961...	1,892	2,049	2,036	2,087	2,087	2,080	2,088	2,125	2,200	2,244	2,457	2,463	...	...	...	...	...
1962...	2,549	2,516	2,488	2,428	2,197	2,195	2,108	2,195	2,329	2,315	2,405	2,479	...	...	...	...	...
1963...	2,551	2,419	2,531	2,384	2,349	2,367	2,396	2,412	2,512	2,276	2,302	2,341	...	...	...	...	...
1964...	2,230	2,294	2,431	2,391	2,426	2,260	2,293	2,204	2,110	2,124	2,044	2,024	...	...	...	...	...
1965...	2,072	2,218	2,231	2,296	2,332	2,487	2,422	2,473	2,614	2,713	2,820	2,842	...	...	...	...	...
1966...	2,931	3,043	3,040	3,158	3,322	3,366	3,463	3,450	3,491	3,461	3,565	3,493	...	...	...	...	...
1967...	3,408	3,349	3,484	3,493	3,524	3,484	3,598	3,698	3,576	3,561	3,452	3,411	...	...	...	...	...
1968...	3,312	3,280	3,438	3,369	3,544	3,499	3,617	3,686	3,549	3,640	3,550	3,595	...	...	...	...	...
1969...	3,440	3,260	3,208	3,064	2,980	2,907	2,869	2,896	2,840	2,844	2,837	2,774	...	...	...	...	...
1970...	2,812	2,746	2,714	2,736	2,713	2,739	2,607	2,753	2,786	2,834	2,799	2,786	...	...	...	...	...
1971...	2,951	2,862	2,776	2,833	2,701	2,766	2,746	2,692	2,836	2,959	3,060	3,041	...	...	...	...	...
1972...	3,048	3,112	3,061	3,075	3,001	2,944	2,894	2,887	3,021	2,917	2,876	2,919	...	...	...	...	...
1973...	2,956	2,893	2,824	2,884	2,765	2,828	2,873	2,975	3,032	3,024	3,236	3,214	...	...	...	...	...
1974...	3,123	3,317	3,212	3,310	3,329	3,498	3,636	3,605	3,754	3,603	3,636	3,609	...	...	...	...	...
1975...	3,494	3,488	3,513	3,720	3,744	3,925	3,969	3,776	3,600	3,493	3,420	3,074	...	...	...	...	...
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
626. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, AIRCRAFT, NOT SEASONALLY ADJUSTED <sup>1</sup> (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	878	2,114	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	1,883	2,541	1,039	1,706	7,169
1959...	...	...	...	...	...	...	...	...	...	...	...	...	1,666	2,076	1,074	979	5,795
1960...	...	...	...	...	...	...	...	...	...	...	...	...	1,132	1,603	1,140	1,051	4,926
1961...	...	...	...	...	...	...	...	...	...	...	...	...	915	1,830	738	1,441	4,924
1962...	...	...	...	...	...	...	...	...	...	...	...	...	1,657	1,267	919	1,673	5,516
1963...	...	...	...	...	...	...	...	...	...	...	...	...	1,200	1,687	1,714	1,136	5,737
1964...	...	...	...	...	...	...	...	...	...	...	...	...	1,754	1,463	1,210	1,092	5,519
1965...	...	...	...	...	...	...	...	...	...	...	...	...	1,133	2,346	1,404	1,512	6,395
1966...	792	617	535	655	458	1,872	842	873	981	919	618	724	1,944	2,985	2,696	2,261	9,886
1967...	784	788	529	432	1,240	1,377	393	635	1,484	1,249	578	805	2,101	3,049	2,512	2,632	10,294
1968...	642	529	574	834	1,129	1,006	426	577	1,156	594	534	898	1,545	2,969	2,159	2,026	8,699
1969...	891	741	545	444	386	1,175	356	629	689	569	511	526	2,177	2,005	1,674	1,606	7,462
1970...	595	334	701	464	591	1,032	829	602	473	991	352	533	1,630	2,087	1,904	1,876	7,497
1971...	553	328	797	390	339	902	796	1,061	722	627	597	564	1,678	1,631	2,579	1,788	7,676
1972...	634	469	726	471	367	1,586	955	529	523	395	427	612	1,829	2,424	2,007	1,434	7,694
1973...	728	328	721	122	866	1,243	396	611	867	939	686	316	1,777	2,231	1,874	1,941	7,823
1974...	1,093	598	517	459	308	502	1,089	591	866	1,156	856	569	2,208	1,269	2,546	2,581	8,604
1975...	1,062	509	421	316	386	732	810	1,254	469	817	373	483	1,892	1,434	2,533	1,673	7,632
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
627. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, MISSILE AND SPACE SYSTEMS, NOT SEASONALLY ADJUSTED <sup>1</sup> (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	158	653	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	828	1,197	3,915
1959...	...	...	...	...	...	...	...	...	...	...	...	...	1,095	1,506	695	1,478	4,774
1960...	...	...	...	...	...	...	...	...	...	...	...	...	1,261	1,550	1,387	1,319	5,517
1961...	...	...	...	...	...	...	...	...	...	...	...	...	1,511	1,667	1,399	1,586	6,163
1962...	...	...	...	...	...	...	...	...	...	...	...	...	1,963	1,741	1,461	1,513	6,678
1963...	...	...	...	...	...	...	...	...	...	...	...	...	2,000	1,714	1,671	1,421	6,800
1964...	...	...	...	...	...	...	...	...	...	...	...	...	1,116	1,371	1,388	702	4,577
1965...	...	...	...	...	...	...	...	...	...	...	...	...	1,243	900	1,167	1,058	4,368
1966...	403	269	325	300	173	484	358	305	581	343	258	242	997	957	1,244	843	4,041
1967...	361	352	449	295	256	589	495	516	514	322	412	311	1,162	1,140	1,525	1,045	4,872
1968...	345	419	327	317	449	294	997	270	815	479	308	462	1,151	1,060	2,082	1,249	5,542
1969...	282	318	263	276	298	537	480	450	409	641	215	473	863	1,111	1,339	1,329	4,642
1970...	488	275	236	259	206	712	357	624	567	341	222	722	999	1,177	1,548	1,285	5,009
1971...	385	223	269	230	199	349	506	433	866	530	279	472	875	778	1,605	1,281	4,539
1972...	359	410	473	257	209	481	681	326	481	516	491	359	1,242	947	1,488	1,366	5,043
1973...	377	297	504	235	129	349	207	921	435	368	283	583	1,178	711	1,563	1,214	4,666
1974...	206	305	255	303	297	323	618	430	848	410	434	361	766	923	1,896	1,205	4,790
1975...	346	276	244	377	242	537	661	1,070	379	863	498	426	866	1,156	2,110	1,387	5,519
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
628. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, SHIPS, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	61	186	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	217	113	866
1959...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	399	262	1,052
1960...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	308	276	1,218
1961...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	353	385	1,534
1962...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	406	273	1,528
1963...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	440	394	1,462
1964...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	206	651	1,624
1965...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	377	547	1,422
1966...	73	71	210	152	95	244	156	210	505	81	48	110	354	491	871	239	1,955
1967...	90	418	171	72	129	205	178	104	134	153	146	110	679	406	416	409	1,910
1968...	108	77	236	79	224	499	199	213	174	115	109	98	421	802	586	322	2,131
1969...	93	116	103	65	172	123	51	135	380	331	51	325	311				



# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
629. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, WEAPONS AND AMMUNITION, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	51	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	130	232	58	89	509
1959...	...	...	...	...	...	...	...	...	...	...	...	...	109	317	62	95	583
1960...	...	...	...	...	...	...	...	...	...	...	...	...	146	294	133	123	696
1961...	...	...	...	...	...	...	...	...	...	...	...	...	177	262	188	374	1,001
1962...	...	...	...	...	...	...	...	...	...	...	...	...	280	299	145	301	1,025
1963...	...	...	...	...	...	...	...	...	...	...	...	...	310	344	154	170	978
1964...	...	...	...	...	...	...	...	...	...	...	...	...	266	282	183	287	1,018
1965...	...	...	...	...	...	...	...	...	...	...	...	...	174	414	403	910	1,901
1966...	190	159	196	339	400	743	220	235	237	290	259	382	545	1,482	692	951	3,650
1967...	346	213	256	279	518	971	91	415	597	454	443	438	815	1,768	1,103	1,335	5,021
1968...	225	416	582	423	431	877	99	559	619	1,280	569	415	1,023	1,731	1,277	2,264	6,295
1969...	383	356	237	186	358	435	114	126	429	447	303	292	976	979	669	1,042	3,666
1970...	286	198	255	204	209	514	33	96	169	316	207	274	739	927	298	797	2,761
1971...	190	272	177	206	128	402	10	79	282	147	428	411	439	736	371	986	2,732
1972...	257	250	225	235	225	448	41	82	166	292	269	236	732	908	289	797	2,726
1973...	207	226	195	150	184	566	21	81	114	105	106	192	628	900	216	403	2,147
1974...	135	244	142	170	123	554	37	72	111	122	114	165	521	847	220	401	1,989
1975...	125	160	217	147	128	672	52	126	95	128	66	146	502	947	273	340	2,062
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
630. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, ELECTRONIC AND COMMUNICATIONS EQUIPMENT, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	176	260	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	537	1,014	372	520	2,445
1959...	...	...	...	...	...	...	...	...	...	...	...	...	417	1,165	475	631	2,686
1960...	...	...	...	...	...	...	...	...	...	...	...	...	709	1,213	530	546	2,998
1961...	...	...	...	...	...	...	...	...	...	...	...	...	848	1,230	351	906	3,335
1962...	...	...	...	...	...	...	...	...	...	...	...	...	814	1,236	594	668	3,312
1963...	...	...	...	...	...	...	...	...	...	...	...	...	753	1,046	519	525	2,841
1964...	...	...	...	...	...	...	...	...	...	...	...	...	707	1,169	487	536	2,899
1965...	...	...	...	...	...	...	...	...	...	...	...	...	592	1,163	533	701	2,939
1966...	272	287	302	357	298	890	149	187	269	304	318	285	861	1,543	605	907	3,916
1967...	343	257	322	478	333	1,002	166	296	257	268	241	302	922	1,813	719	811	4,265
1968...	308	259	280	328	407	722	204	318	303	259	290	349	807	1,457	825	948	3,987
1969...	258	259	272	304	396	657	194	230	220	361	231	327	799	1,357	644	919	3,704
1970...	267	264	247	283	263	523	320	223	192	402	163	286	778	1,069	735	851	3,433
1971...	252	230	255	227	174	552	252	367	364	212	246	278	737	953	983	736	3,409
1972...	307	324	347	248	272	731	234	215	298	302	401	228	978	1,251	747	951	3,907
1973...	214	215	420	237	351	654	131	354	313	248	392	261	849	1,242	798	901	3,790
1974...	311	415	206	403	270	732	321	352	352	598	349	254	932	1,405	1,075	1,201	4,613
1975...	414	331	535	313	587	696	394	670	430	439	445	332	1,280	1,596	1,294	1,216	5,388
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
631. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, COMBAT VEHICLES, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	11	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	49	208	18	3	278
1959...	...	...	...	...	...	...	...	...	...	...	...	...	5	104	13	16	138
1960...	...	...	...	...	...	...	...	...	...	...	...	...	38	176	7	33	254
1961...	...	...	...	...	...	...	...	...	...	...	...	...	174	63	33	171	441
1962...	...	...	...	...	...	...	...	...	...	...	...	...	157	192	65	168	582
1963...	...	...	...	...	...	...	...	...	...	...	...	...	205	136	8	129	478
1964...	...	...	...	...	...	...	...	...	...	...	...	...	93	90	32	63	278
1965...	...	...	...	...	...	...	...	...	...	...	...	...	22	145	143	97	407
1966...	36	36	42	43	45	133	39	22	78	57	74	66	114	221	138	195	668
1967...	12	10	35	58	28	139	46	104	23	42	17	40	57	225	173	99	554
1968...	26	79	30	62	35	109	13	13	84	36	15	47	135	206	90	98	529
1969...	29	34	58	27	50	77	17	11	129	24	27	14	121	154	157	65	497
1970...	38	28	28	21	21	54	8	31	86	56	35	53	94	96	125	144	459
1971...	17	27	28	37	18	71	5	4	5	30	59	14	72	126	14	103	315
1972...	13	7	13	37	17	72	6	18	140	15	40	33	33	126	164	88	411
1973...	14	11	11	12	15	54	90	24	27	116	21	56	36	81	101	193	411
1974...	102	5	40	129	98	404	59	104	151	25	22	81	147	631	314	128	1,220
1975...	21	66	52	23	86	161	126	70	90	67	14	62	139	270	286	143	838
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
632. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, OTHER HARD GOODS, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	108	169	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	202	532	124	219	1,077
1959...	...	...	...	...	...	...	...	...	...	...	...	...	271	472	175	175	1,093
1960...	...	...	...	...	...	...	...	...	...	...	...	...	242	486	175	178	1,081
1961...	...	...	...	...	...	...	...	...	...	...	...	...	311	525	171	348	1,395
1962...	...	...	...	...	...	...	...	...	...	...	...	...	380	653	226	335	1,594
1963...	...	...	...	...	...	...	...	...	...	...	...	...	401	629	255	280	1,545
1964...	...	...	...	...	...	...	...	...	...	...	...	...	387	577	318	356	1,638
1965...	...	...	...	...	...	...	...	...	...	...	...	...	296	751	583	670	2,300
1966...	187	224	300	385	397	823	132	181	207	290	255	284	721	1,615	520	831	3,687
1967...	255	294	307	240	333	764	155	251	204	210	136	208	856	1,337	610	554	3,357
1968...	214	269	276	252	285	601	88	147	295	200	157	211	759	1,138	528	568	2,993
1969...	161	143	193	163	171	325	125	115	164	430	116	101	497	659	404	847	2,207
1970...	114	85	104	122	113	341	56	88	100	185	93	203	313	576	245	481	1,615
1971...	93	169	112	128	101	222	91	94	90	184	113	149	374	451	275	430	1,530
1972...	92	135	135	132	169	399	62	106	111	107	111	115	362	700	279	333	1,674
1973...	140	141	130	145	128	393	65	117	106	133	142	108	411	666	288	383	1,748
1974...	128	111	179	294	139	352	163	158	129	108	127	135	418	785	450	370	2,023
1975...	154	143	152	147	165	399	104	115	150	201	156	179	449	711	369	536	2,065
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE: These series contain no revisions but are reprinted for the convenience of the user. Seasonally adjusted data for these series are shown on page 36.

(OCTOBER 1976)



# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
633. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, SOFT GOODS, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	529	376	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	325	341	704	393	1,763
1959...	...	...	...	...	...	...	...	...	...	...	...	...	288	265	628	355	1,536
1960...	...	...	...	...	...	...	...	...	...	...	...	...	292	230	618	359	1,499
1961...	...	...	...	...	...	...	...	...	...	...	...	...	322	251	699	392	1,664
1962...	...	...	...	...	...	...	...	...	...	...	...	...	471	303	524	271	1,869
1963...	...	...	...	...	...	...	...	...	...	...	...	...	381	245	657	358	1,641
1964...	...	...	...	...	...	...	...	...	...	...	...	...	455	333	707	406	1,901
1965...	...	...	...	...	...	...	...	...	...	...	...	...	364	349	877	706	2,296
1966...	170	213	326	241	299	381	633	293	211	258	231	520	709	921	1,077	989	3,686
1967...	251	192	194	171	199	281	587	279	188	175	118	198	637	651	1,054	491	2,833
1968...	437	139	202	218	211	212	598	139	225	224	166	433	778	641	962	823	3,204
1969...	218	170	199	178	169	219	673	138	142	180	153	176	587	566	953	509	2,615
1970...	295	102	154	124	102	166	488	113	123	103	117	365	551	392	724	585	2,252
1971...	89	96	122	132	125	158	607	126	113	96	118	327	336	500	107	541	2,110
1972...	115	121	125	120	155	141	545	179	127	111	85	358	361	416	851	554	2,182
1973...	141	112	102	113	97	152	489	177	186	154	235	228	355	368	852	617	2,192
1974...	297	145	487	344	214	256	358	819	219	267	226	222	929	814	1,376	715	3,834
1975...	217	704	191	164	121	213	811	307	256	173	214	244	1,112	498	1,374	651	3,615
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
634. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, CONSTRUCTION, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	170	109	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	255	991	241	221	1,708
1959...	...	...	...	...	...	...	...	...	...	...	...	...	307	641	167	248	1,363
1960...	...	...	...	...	...	...	...	...	...	...	...	...	318	474	154	224	1,170
1961...	...	...	...	...	...	...	...	...	...	...	...	...	348	460	231	253	1,292
1962...	...	...	...	...	...	...	...	...	...	...	...	...	338	392	121	314	1,185
1963...	...	...	...	...	...	...	...	...	...	...	...	...	312	385	261	196	1,154
1964...	...	...	...	...	...	...	...	...	...	...	...	...	477	426	261	358	1,502
1965...	...	...	...	...	...	...	...	...	...	...	...	...	379	347	184	249	1,159
1966...	77	55	75	81	100	211	74	72	51	41	51	57	207	392	197	149	945
1967...	106	59	67	126	159	339	56	100	75	55	44	113	232	624	231	212	1,299
1968...	61	53	67	39	195	406	51	78	151	80	89	63	181	640	280	232	1,333
1969...	170	76	90	97	96	307	33	85	49	48	31	32	336	500	167	50	1,200
1970...	42	55	202	73	71	310	34	65	83	75	67	105	299	424	182	247	1,182
1971...	103	65	108	160	165	298	40	73	123	80	41	127	276	623	236	248	1,383
1972...	74	177	144	147	174	470	138	103	64	77	88	69	395	791	305	234	1,725
1973...	103	205	131	153	151	493	34	111	101	147	54	86	439	797	246	287	1,769
1974...	90	52	92	248	58	604	131	148	112	138	126	104	234	310	368	361	1,903
1975...	168	134	127	156	291	1,073	82	61	178	149	56	176	429	1,520	321	381	2,651
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
635. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, SERVICES, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	787	655	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	471	797	743	596	2,607
1959...	...	...	...	...	...	...	...	...	...	...	...	...	205	331	616	278	1,430
1960...	...	...	...	...	...	...	...	...	...	...	...	...	202	225	402	166	995
1961...	...	...	...	...	...	...	...	...	...	...	...	...	151	371	313	261	1,086
1962...	...	...	...	...	...	...	...	...	...	...	...	...	198	318	450	322	1,288
1963...	...	...	...	...	...	...	...	...	...	...	...	...	302	430	577	391	1,700
1964...	...	...	...	...	...	...	...	...	...	...	...	...	353	479	472	254	1,558
1965...	...	...	...	...	...	...	...	...	...	...	...	...	348	666	802	526	2,342
1966...	164	123	105	88	99	307	871	198	380	234	116	153	392	584	1,449	506	2,931
1967...	151	245	95	110	143	274	995	269	219	216	175	343	481	555	1,443	734	3,253
1968...	163	141	184	162	116	433	910	254	254	188	105	219	488	711	1,398	512	3,109
1969...	133	436	148	158	111	373	730	550	183	116	117	130	717	642	1,463	363	3,185
1970...	94	501	153	142	123	399	438	342	303	317	322	163	748	864	1,083	802	3,297
1971...	93	136	148	173	143	372	540	274	236	399	198	172	377	688	1,050	769	2,884
1972...	135	148	143	118	163	440	347	325	167	571	132	155	426	721	839	858	2,844
1973...	154	140	152	195	137	446	341	265	252	388	161	178	446	778	858	727	2,809
1974...	204	138	181	166	168	524	451	303	233	446	185	181	523	858	987	812	3,180
1975...	307	341	201	190	211	574	634	570	204	216	210	121	849	975	1,408	547	3,779
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
636. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, CONTRACTS UNDER \$10,000, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	265	269	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	318	456	320	370	1,464
1959...	...	...	...	...	...	...	...	...	...	...	...	...	366	446	346	370	1,528
1960...	...	...	...	...	...	...	...	...	...	...	...	...	371	458	356	373	1,558
1961...	...	...	...	...	...	...	...	...	...	...	...	...	409	526	394	442	1,771
1962...	...	...	...	...	...	...	...	...	...	...	...	...	592	689	502	602	2,385
1963...	...	...	...	...	...	...	...	...	...	...	...	...	656	850	562	608	2,676
1964...	...	...	...	...	...	...	...	...	...	...	...	...	761	780	617	677	2,835
1965...	...	...	...	...	...	...	...	...	...	...	...	...	705	886	669	805	3,045
1966...	317	274	345	334	339	568	193	294	362	374	326	349	936	1,241	849	1,054	4,080
1967...	331	313	369	358	326	611	184	271	324	261	280	280	1,013	1,295	779	821	3,908
1968...	261	305	325	324	346	519	166	259	282	329	265	275	891	1,189	707	869	3,656
1969...	347	238	321	318	337	530	170	249	290	253	288	281	906	1,183	709	822	3,620
1970...	201	261	251	276	340	568	127	209	276	296	251	281	713	1,184	612	828	3,337
1971...	293	237	303	327	299	536	149	297	305	297	269	275	833	1,162	751	841	3,587
1972...	327	289	317	300	318	516	159	279	348	277	313	255	933	1,134	786	845	3,686
1973...	341	320	334	356	319	551	225	210	390	319	335	326	985	1,226	825	940	4,026
1974...	327	333	329	384	382	570	225	321	380	399	374	343	989	1,356	926	1,116	4,367
1975...	372	345	419	418	367	635	263	345	409	374	412	408	1,136	1,420	1,017	1,194	4,767
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE: These series contain no revisions but are reprinted for the convenience of the user. Seasonally adjusted data for these series are shown on pages 34 and 37.

(OCTOBER 1976)

# Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
637. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, EDUCATIONAL AND NONPROFIT INSTITUTIONS, NOT SEASONALLY ADJUSTED <sup>1</sup> (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62	83	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	105	148	83	94	428
1959...	...	...	...	...	...	...	...	...	...	...	...	...	126	96	90	87	399
1960...	...	...	...	...	...	...	...	...	...	...	...	...	80	122	95	98	395
1961...	...	...	...	...	...	...	...	...	...	...	...	...	122	117	82	123	444
1962...	...	...	...	...	...	...	...	...	...	...	...	...	131	161	96	183	571
1963...	...	...	...	...	...	...	...	...	...	...	...	...	166	175	174	193	708
1964...	...	...	...	...	...	...	...	...	...	...	...	...	156	185	139	210	670
1965...	...	...	...	...	...	...	...	...	...	...	...	...	171	218	114	146	649
1966...	75	49	74	57	42	115	68	64	65	45	39	35	198	214	197	119	728
1967...	105	38	92	28	49	128	61	103	69	51	63	35	235	205	233	149	822
1968...	95	84	40	52	30	88	62	45	82	68	75	53	219	170	189	196	774
1969...	58	76	34	66	38	104	69	70	76	75	68	33	166	208	215	176	765
1970...	48	61	59	43	44	94	45	58	49	59	79	87	168	181	150	225	724
1971...	61	53	54	28	33	98	64	61	31	89	84	96	168	159	156	269	752
1972...	46	37	58	43	46	96	87	61	79	69	114	43	141	185	227	226	779
1973...	41	45	43	46	35	76	61	123	86	85	87	29	129	157	270	201	757
1974...	76	55	58	37	38	70	162	118	51	46	59	92	189	145	331	197	862
1975...	51	61	53	42	35	76	184	92	80	67	50	82	165	153	356	199	873
1976...																	
638. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES (CHAMPUS), NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1972...	...	...	...	...	...	...	...	...	0	260	0	...	...	...	...	260	...
1973...	34	0	13	10	-1	0	0	10	229	35	0	13	47	9	239	48	...
1974...	63	0	13	0	0	20	100	0	0	240	7	0	76	20	100	247	443
1975...	5	0	2	0	0	0	5	1	0	0	0	0	7	0	6	0	13
1976...																	
640. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS FOR WORK OUTSIDE THE UNITED STATES, NOT SEASONALLY ADJUSTED <sup>1</sup> (MILLIONS OF DOLLARS)													TOTAL FOR PERIOD				
1957...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	260	326	...
1958...	...	...	...	...	...	...	...	...	...	...	...	...	757	601	395	312	2,065
1959...	...	...	...	...	...	...	...	...	...	...	...	...	261	442	383	253	1,339
1960...	...	...	...	...	...	...	...	...	...	...	...	...	208	382	342	266	1,198
1961...	...	...	...	...	...	...	...	...	...	...	...	...	260	413	371	275	1,319
1962...	...	...	...	...	...	...	...	...	...	...	...	...	280	528	392	287	1,487
1963...	...	...	...	...	...	...	...	...	...	...	...	...	220	376	449	322	1,367
1964...	...	...	...	...	...	...	...	...	...	...	...	...	276	276	446	271	1,269
1965...	...	...	...	...	...	...	...	...	...	...	...	...	226	423	531	284	1,464
1966...	190	177	154	117	855	423	379	194	283	239	183	250	521	1,195	856	672	3,244
1967...	184	112	157	227	227	380	314	382	195	193	117	145	453	834	891	455	2,633
1968...	288	139	134	157	135	315	560	199	202	169	181	201	561	607	961	551	2,680
1969...	254	257	97	119	139	298	512	178	152	144	59	301	608	556	802	504	2,570
1970...	246	137	105	95	152	268	534	161	111	125	106	188	486	515	826	419	2,246
1971...	123	93	188	98	64	262	509	197	96	123	107	105	404	424	802	335	1,965
1972...	169	130	106	82	95	290	368	278	195	142	104	99	405	467	841	345	2,058
1973...	156	151	125	213	83	264	368	244	159	194	240	186	432	560	771	620	2,383
1974...	160	114	198	80	94	333	421	448	120	190	93	111	472	507	989	394	2,362
1975...	114	93	96	73	86	558	244	149	124	252	164	255	303	717	517	671	2,208
1976...																	

NOTE: These series contain no revisions but are reprinted for the convenience of the user.

<sup>1</sup>Seasonally adjusted data for this series are shown on page 37.

(OCTOBER 1976)

# Appendix C. HISTORICAL DATA—Continued

Year	Quarterly				Annual	Year	Quarterly				Annual
	I Q	II Q	III Q	IV Q			I Q	II Q	III Q	IV Q	
626. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, AIRCRAFT, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)						627. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, MISSILE AND SPACE SYSTEMS, SEAS. ADJ. (MILLION DOLLARS)					
1957.....	...	...	1,245	2,195		1957.....	...	...	217	593	
1958.....	1,978	1,847	1,465	1,768		1958.....	851	1,008	853	1,154	
1959.....	1,741	1,532	1,481	1,007		1959.....	1,112	1,289	883	1,410	
1960.....	1,177	1,222	1,496	1,086		1960.....	1,251	1,368	1,655	1,301	
1961.....	932	1,469	903	1,493		1961.....	1,474	1,528	1,549	1,627	
1962.....	1,693	1,051	1,061	1,757		1962.....	1,887	1,661	1,516	1,588	
1963.....	1,222	1,439	1,879	1,200		1963.....	2,162	1,747	1,441	1,523	
1964.....	1,835	1,255	1,266	1,186		1964.....	1,201	1,410	1,183	759	
1965.....	1,196	2,017	1,421	1,669		1965.....	1,334	942	970	1,160	
1966.....	2,108	2,515	2,715	2,521		1966.....	1,071	1,019	1,016	916	
1967.....	2,334	2,520	2,582	2,839		1967.....	1,276	1,230	1,224	1,121	
1968.....	1,728	2,476	2,214	2,160		1968.....	1,293	1,148	1,667	1,304	
1969.....	2,435	1,688	1,713	1,698		1969.....	1,000	1,205	1,070	1,360	
1970.....	1,821	1,764	1,947	2,017		1970.....	1,177	1,278	1,240	1,294	
1971.....	1,804	1,441	2,509	1,965		1971.....	1,040	993	1,252	1,207	
1972.....	1,981	2,129	1,940	1,584		1972.....	1,395	1,255	1,154	1,283	
1973.....	1,942	1,948	1,804	2,150		1973.....	1,306	967	1,200	1,138	
1974.....	2,424	1,104	2,446	2,900		1974.....	844	1,271	1,444	1,107	
1975.....	2,147	1,240	2,471	1,807		1975.....	980	1,654	1,586	1,327	
1976.....						1976.....					
629. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, WEAPONS AND AMMUNITION, SEAS. ADJ. (MILLION DOLLARS)						630. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, ELECTRONIC AND COMMUNICATIONS EQUIP., SEAS. ADJ. (MIL.DOL.)					
1957.....	...	...	173	68		1957.....	...	...	276	335	
1958.....	126	141	102	115		1958.....	565	621	580	671	
1959.....	106	198	107	115		1959.....	435	721	728	408	
1960.....	141	195	221	136		1960.....	735	762	798	696	
1961.....	172	186	298	379		1961.....	871	787	515	1,153	
1962.....	278	227	219	282		1962.....	832	799	858	851	
1963.....	324	269	224	252		1963.....	774	636	749	661	
1964.....	296	220	256	254		1964.....	741	746	708	674	
1965.....	206	317	544	813		1965.....	635	730	784	880	
1966.....	674	1,116	909	842		1966.....	940	955	900	1,076	
1967.....	1,036	1,410	1,384	1,120		1967.....	1,049	1,139	1,060	940	
1968.....	1,261	1,402	1,728	1,872		1968.....	932	973	1,113	982	
1969.....	1,152	808	961	838		1969.....	911	938	837	984	
1970.....	842	777	454	629		1970.....	904	755	934	900	
1971.....	709	619	674	761		1971.....	856	683	1,236	744	
1972.....	779	734	562	614		1972.....	1,083	959	931	937	
1973.....	658	725	436	510		1973.....	939	959	990	900	
1974.....	541	680	453	334		1974.....	1,013	1,110	1,316	1,239	
1975.....	515	683	630	303		1975.....	1,379	1,255	1,559	1,277	
1976.....						1976.....					
631. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, COMBAT VEHICLES, SEASONALLY ADJUSTED (MILLION DOLLARS)						632. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, OTHER HARD GOODS, SEASONALLY ADJUSTED (MILLION DOLLARS)					
1957.....	...	...	65	31		1957.....	...	...	193	233	
1958.....	71	79	64	7		1958.....	220	297	218	303	
1959.....	7	42	47	29		1959.....	293	267	302	241	
1960.....	43	79	25	46		1960.....	256	282	291	242	
1961.....	177	33	104	186		1961.....	324	314	271	515	
1962.....	149	121	168	156		1962.....	393	407	336	428	
1963.....	198	99	16	109		1963.....	424	402	362	318	
1964.....	100	70	48	53		1964.....	423	379	425	425	
1965.....	28	110	183	84		1965.....	333	502	746	787	
1966.....	157	160	155	197		1966.....	832	1,092	644	971	
1967.....	83	158	182	115		1967.....	942	897	821	645	
1968.....	169	149	90	125		1968.....	827	767	720	565	
1969.....	146	111	156	85		1969.....	535	491	584	611	
1970.....	111	69	124	140		1970.....	335	443	356	439	
1971.....	99	103	12	116		1971.....	402	353	401	412	
1972.....	51	103	131	98		1972.....	401	506	418	318	
1973.....	60	65	80	214		1973.....	458	480	432	365	
1974.....	253	502	249	126		1974.....	467	564	677	391	
1975.....	288	191	259	172		1975.....	497	487	532	631	
1976.....						1976.....					
633. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, SOFT GOODS, SEASONALLY ADJUSTED (MILLION DOLLARS)						634. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, CONSTRUCTION, SEASONALLY ADJUSTED (MILLION DOLLARS)					
1957.....	...	...	333	394		1957.....	...	...	317	161	
1958.....	420	503	441	415		1958.....	270	541	444	322	
1959.....	367	396	392	381		1959.....	317	360	306	344	
1960.....	362	351	384	395		1960.....	314	283	269	295	
1961.....	384	391	434	438		1961.....	327	296	382	314	
1962.....	545	474	328	642		1962.....	306	274	186	374	
1963.....	434	373	419	398		1963.....	283	281	379	227	
1964.....	525	485	458	448		1964.....	450	310	331	423	
1965.....	429	484	578	768		1965.....	375	244	247	302	
1966.....	856	1,230	716	1,074		1966.....	230	251	257	193	
1967.....	780	772	780	495		1967.....	279	377	301	286	
1968.....	963	744	722	823		1968.....	227	375	364	325	
1969.....	732	650	720	567		1969.....	432	289	216	170	
1970.....	717	499	499	580		1970.....	363	254	241	399	
1971.....	409	536	577	529		1971.....	320	342	347	348	
1972.....	516	551	557	539		1972.....	434	440	465	368	
1973.....	519	488	553	600		1973.....	484	442	377	450	
1974.....	1,374	1,081	890	692		1974.....	258	504	601	577	
1975.....	1,489	658	937	687		1975.....	481	838	486	605	
1976.....						1976.....					

NOTE: These series contain no revisions but are reprinted for the convenience of the user. Unadjusted data for these series are shown on pages 32-36.

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# Appendix C. HISTORICAL DATA—Continued

Year	Quarterly				Annual	Year	Quarterly				Annual
	I Q	II Q	III Q	IV Q			I Q	II Q	III Q	IV Q	
635. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, SERVICES, SEASONALLY ADJUSTED (MILLION DOLLARS)						636. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, CONTRACTS UNDER \$10,000, SEAS. ADJ. (MILLION DOLLARS)					
1957.....	...	...	536	734		1957.....	...	...	298	287	
1958.....	797	769	506	664		1958.....	328	378	361	396	
1959.....	345	316	421	316		1959.....	375	370	393	396	
1960.....	331	212	277	194		1960.....	377	379	408	400	
1961.....	235	347	216	316		1961.....	412	436	457	474	
1962.....	294	291	323	393		1962.....	592	570	586	647	
1963.....	431	391	419	479		1963.....	654	701	661	647	
1964.....	495	442	339	314		1964.....	763	641	729	716	
1965.....	485	637	552	668		1965.....	712	711	791	846	
1966.....	550	620	910	635		1966.....	953	1,016	1,002	1,107	
1967.....	721	619	892	934		1967.....	1,034	1,061	920	860	
1968.....	744	820	821	657		1968.....	910	975	935	909	
1969.....	1,045	755	914	414		1969.....	929	933	873	869	
1970.....	1,108	751	719	844		1970.....	730	916	768	888	
1971.....	572	749	740	758		1971.....	846	918	919	904	
1972.....	697	737	622	799		1972.....	942	901	954	911	
1973.....	755	776	653	663		1973.....	1,003	977	997	1,059	
1974.....	900	846	762	742		1974.....	996	1,066	1,116	1,204	
1975.....	1,396	925	1,136	523		1975.....	1,144	1,141	1,218	1,273	
1976.....						1976.....					
637. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS, EDUCATIONAL AND NONPROFIT INST., SEAS. ADJ. <sup>1</sup> (MIL. DOL.)						640. DEFENSE DEPARTMENT MILITARY PRIME CONTRACT AWARDS FOR WORK OUTSIDE THE U.S., SEASONALLY ADJUSTED (MIL. DOL.)					
1957.....	...	...	75	90		1957.....	...	...	261	384	
1958.....	99	123	100	101		1958.....	947	447	390	369	
1959.....	121	80	109	91		1959.....	330	331	368	300	
1960.....	77	105	115	99		1960.....	268	291	316	316	
1961.....	119	102	100	120		1961.....	341	323	327	328	
1962.....	131	141	117	175		1962.....	375	426	327	349	
1963.....	170	153	212	182		1963.....	299	308	362	399	
1964.....	139	163	163	205		1964.....	383	227	348	347	
1965.....	174	193	128	149		1965.....	314	346	407	374	
1966.....	188	197	212	132		1966.....	749	966	645	916	
1967.....	214	192	244	175		1967.....	577	722	681	608	
1968.....	194	165	185	200		1968.....	695	538	734	729	
1969.....	163	211	217	168		1969.....	742	554	615	704	
1970.....	174	184	154	203		1970.....	574	571	568	542	
1971.....	181	161	164	234		1971.....	484	484	525	437	
1972.....	155	187	220	192		1972.....	492	536	545	455	
1973.....	156	191	210	186		1973.....	527	645	497	833	
1974.....	233	186	243	187		1974.....	594	559	632	559	
1975.....	205	201	253	192		1975.....	388	813	317	941	
1976.....						1976.....					

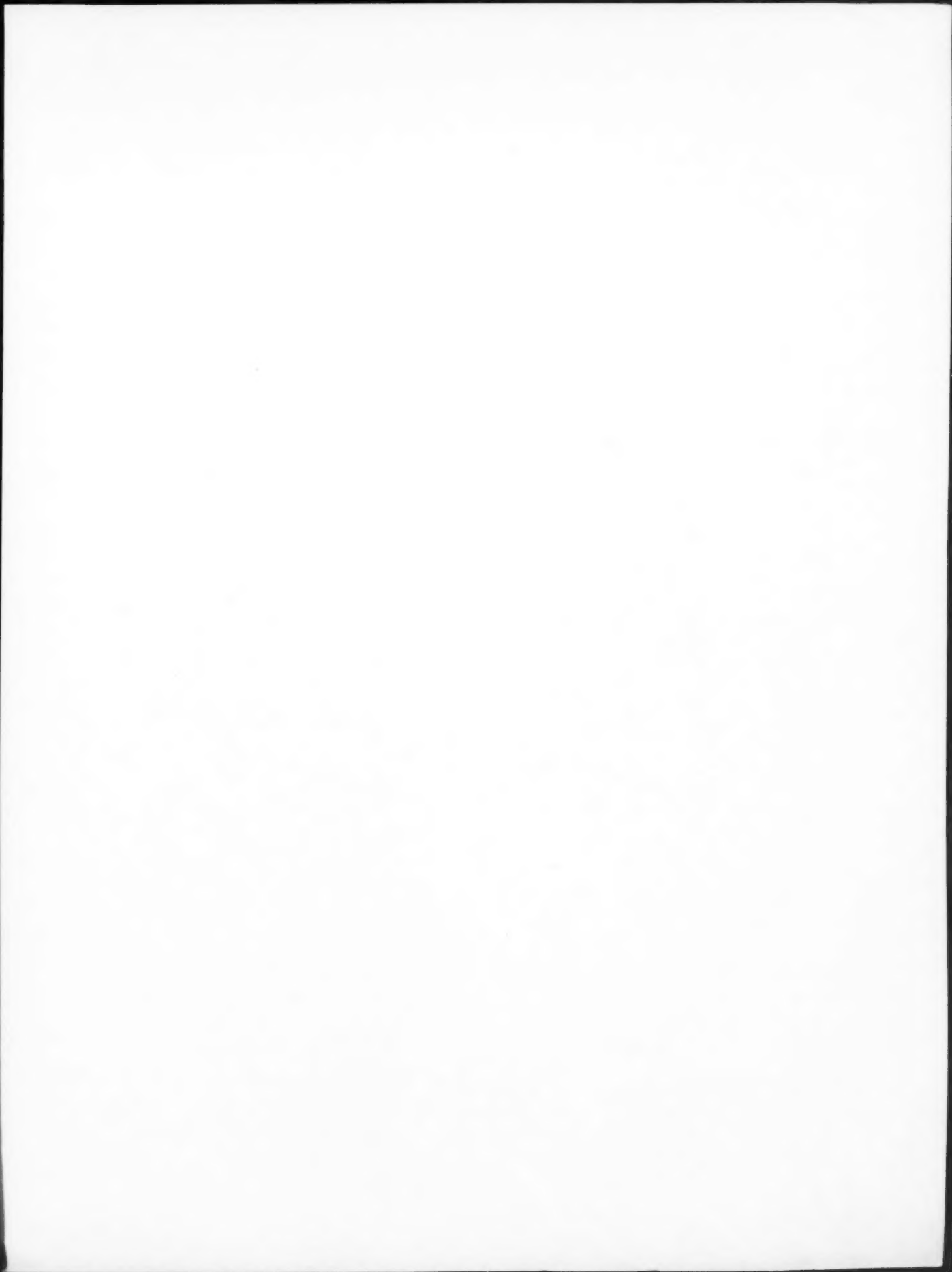
NOTE: Unless otherwise noted, these series contain no revisions but are reprinted for the convenience of the user. Unadjusted data for these series are shown on pages 34 and 35.

<sup>1</sup>This series contains revisions beginning with 1973.

(OCTOBER 1976)









# ALPHABETICAL INDEX—SERIES FINDING GUIDE

DEIN XEROX300XBISSEUE012R 1  
XEROX UNIV MICROFILMS  
SERIALS DEPT  
300 N ZEEB RD  
ANN ARBOR MI 48106

Series title	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (issue date)
		Charts	Tables		
Accession rate, defense products industries	673	10	23	7/76	4/73
Aerospace industries					
Manufacturers'					
Manufacturers'					
Manufacturers' unfilled orders from U.S. Government					
Balance of payments (defense-related)					
Cash receipts associated with military sales contracts	696	13	27	8/76	10/73
Direct defense expenditures	547	13	27	8/76	10/73
Transfers under military agency sales contracts	546	13	27	8/76	10/73
Budget outlays for national defense function	683				
Cash receipts associated with military sales contracts	696				
Civilian personnel, Defense Department	678	10	24	9/76	8/68
Compensation					
Payroll, aggregate weekly, defense products industries	675	10	23	7/76	4/73
Personnel compensation, Defense Department	685	11	25	7/76	8/68
Contract awards, military prime					
Aircraft	626	...	16	10/76	8/68
Civilian Health and Medical Program	638	...	19	10/76	...
Combat vehicles	631	...	17	10/76	8/68
Construction	634	...	18	10/76	8/68
Contracts under \$10,000	636	...	19	10/76	8/68
Educational and nonprofit institutions	637	...	19	10/76	8/68
Electronic and communications equipment	630	...	17	10/76	8/68
Maple and space systems	627	...	16	10/76	8/68
Other hard goods	632	...	18	10/76	8/68
Services	635	...	18	10/76	8/68
Ships	628	...	17	10/76	8/68
Soft goods	633	...	18	10/76	8/68
Total	625	7	16	10/76	8/68
Weapons and ammunition	629	...	17	10/76	8/68
Work outside the United States	640	...	19	10/76	8/68
Defense and space equipment, output	657				
Defense Department					
Gross obligations incurred—See Obligations incurred.					
Gross unpaid obligations outstanding—See Obligations outstanding.					
Military prime contract awards—See Contract awards.					
Net outlays—See Outlays.					
Personnel compensation	685				
Personnel—See Civilian personnel and Military personnel.					
Progress payments outstanding	666				
Direct defense expenditures	547				
Employment					
Accession rate, defense products industries	654				
Employment, production workers, defense products industries	671	10	23	7/76	4/73
Employment, total, defense products industries	670	10	22	6/76	4/73
Hours, defense products industries	673				
Layoff rate, defense products industries	655				
Overtime hours, defense products industries	653				
Personnel—See Civilian personnel and Military personnel.					
Expenditures—See Outlays.					
Federal purchases of goods and services for national defense	264				
Gross national product					
Federal purchases of goods and services for national defense	264	5	14	8/76	10/73
Gross national product	200	5	14	8/76	10/73
National defense purchases as percent of GNP	613	5	14	8/76	10/73
Gross obligations incurred—See Obligations incurred.					
Gross unpaid obligations outstanding—See Obligations outstanding.					
Hours, defense products industries	673				
Inventories, manufacturers'					
Defense products	659	9	22	8/75	2/73
Defense products industries	658	9	...	1/72	2/73
Ratio to shipments, defense products industries	693	12	26	8/75	2/73
Ratio to shipments, defense products industries	692	12	...	11/72	2/73
Layoff rate, defense products industries	655	8	21	6/76	4/73
Military personnel, Defense Department	677	10	24	9/76	8/68
Military prime contract awards—See Contract awards.					
Net outlays, Defense Department—See Outlays.					
New orders, manufacturers'					
Defense products	648	7	20	8/75	2/73
Defense products industries	647	7	...	11/72	2/73
From Government, aerospace industries	650	8	20	5/75	2/73
Obligations incurred, gross					
Defense Department, operations	619	...	15	6/76	8/68
Defense Department, procurement	621	6	15	6/76	8/68
Defense Department, total	617	6	15	6/76	8/68
Outside Government for national defense	623	6	16	6/76	10/73
Obligations outstanding, gross unpaid					
Defense Department, operations	644	...	20	6/76	8/68
Defense Department, procurement	645	...	20	6/76	8/68
Defense Department, total	643	7	20	6/76	8/68
Operations, Defense Department					
Net outlays	681				
Obligations incurred	619				
Unpaid obligations outstanding	644				
Orders—See New orders and Unfilled orders.					
Outlays					
Budget outlays for national defense function	683	11	25	7/76	10/73
Defense Department, operations	681	...	24	7/76	8/68
Defense Department, procurement	682	11	25	7/76	8/68
Defense Department, total	680	11	24	7/76	8/68
Output of defense and space equipment	657	9	22	8/75	10/73
Overtime hours, defense products industries	653	8	21	6/76	4/73
Payroll, aggregate weekly, defense products industries	675				
Personnel compensation, Defense Department	685				
Personnel—See Civilian personnel and Military personnel.					
Procurement, Defense Department					
Net outlays	682				
Obligations incurred	621				
Unpaid obligations outstanding	645				
Progress payments outstanding, Defense Department	666	9	22	5/75	8/68
Purchases of goods and services for national defense	264				
Shipments, manufacturers'					
Defense products	688	12	26	8/75	2/73
Defense products industries	687	12	...	11/72	2/73
Ratio, inventories to shipments, defense products industries	693				
Ratio, inventories to shipments, defense products industries	692				
Ratio, unfilled orders to shipments, defense products industries	691				
Ratio, unfilled orders to shipments, defense products industries	690				
To Government, aerospace industries	689	12	26	5/75	2/73
Transfers under military agency sales contracts	546				
Unfilled orders, manufacturers'					
Defense products	661	9	22	8/75	2/73
Defense products industries	660	9	...	7/71	2/73
From Government, aerospace industries	664	9	22	5/75	2/73
Ratio to shipments, defense products industries	691	12	26	8/75	2/73
Ratio to shipments, defense products industries	690	12	...	11/72	2/73
Unpaid obligations outstanding—See Obligations outstanding.					



